

## RED SCALE FIGHT TO CONTINUE

Fight to control and eliminate infestations of red scale in the southeastern Tulare county area will be continued by the Southern Tulare County Pest Control district, it was stated following a recent meeting of the board.

Operating under a budget of \$31,000 for the 1954-55 fiscal year, the district will inspect for red scale and treat it wherever found. The district will also continue to inspect for yellow scale in citrus groves, but when infestations are found, control will be in the hands of the grower.

Formerly the district had taken care of half the cost of control measures on yellow scale.

At present, 48 infestations of red scale have been found on garden shrubs within the city of Porterville, however, no infestation has yet been found in citrus orchards. Three applications of malathion are being used in an effort to check, or wipe out, red scale in the area.

Officers of the pest control district are: B. N. Randolph, president; Jackson Mead, secretary; Tony Cemo and Albin Baker, directors. Martin Michaelis recently resigned after serving as district secretary for several years.

## Nine Girls Seek Title Of Roundup Queen

Nine girls are seeking the honor of presiding as queen of the annual Porterville Roundup that will be staged the afternoons of May 8 and 9 in the Rocky Hill arena on East Putnam avenue.

All are members of the senior class at Porterville high school; they will be judged on personality and appearance next Saturday, May 1, at 10 a.m. at the Monache Theatre in Porterville, during the afternoon they will take a written scholastic examination at Porterville college and Sunday afternoon, beginning at 2 o'clock, they will be judged on horsemanship at the Rocky Hill arena.

Competing are: Karen Bastian, daughter of Mr. and Mrs. George Bastian; Cheryl Birchfield, daughter of Mr. and Mrs. Aber L. Birchfield; Barbara Gail Brewster, daughter of Mr. and Mrs. Robert Brewster; Marilyn Louise Ferguson, daughter of Mrs. Cyril Scott;

Susan Foran, daughter of Mr. and Mrs. Pat Foran; Sue Harper, daughter of Mr. and Mrs. Dale Harper; Rosa Layton, daughter of Mr. and Mrs. Joe E. Layton; Betty

(Continued to Page 7)

## WESTERN PARADE MAY 8 TO OPEN ROUNDUP WEEKEND

A western parade, featuring mounted groups, horse-drawn vehicles and bands, will officially open the Porterville Roundup weekend May 8, with the parade slated to move down Porterville's Main street at 10 a.m. Entries for the parade are being taken at the Porterville chamber of commerce.

Next week has been proclaimed "western week" in Porterville, with all residents requested to wear western clothes. Stores are also to be judged on best western window displays during the week and best dressed students will be picked during the week at Bartlett school, Porterville high school and Porterville college.

### Canterbelles Win

Porterville's Canterbelles placed first in the small mounted groups of the Lindsay Orange Blossom Festival parade last Saturday. The classy girl riders were presented with a trophy.

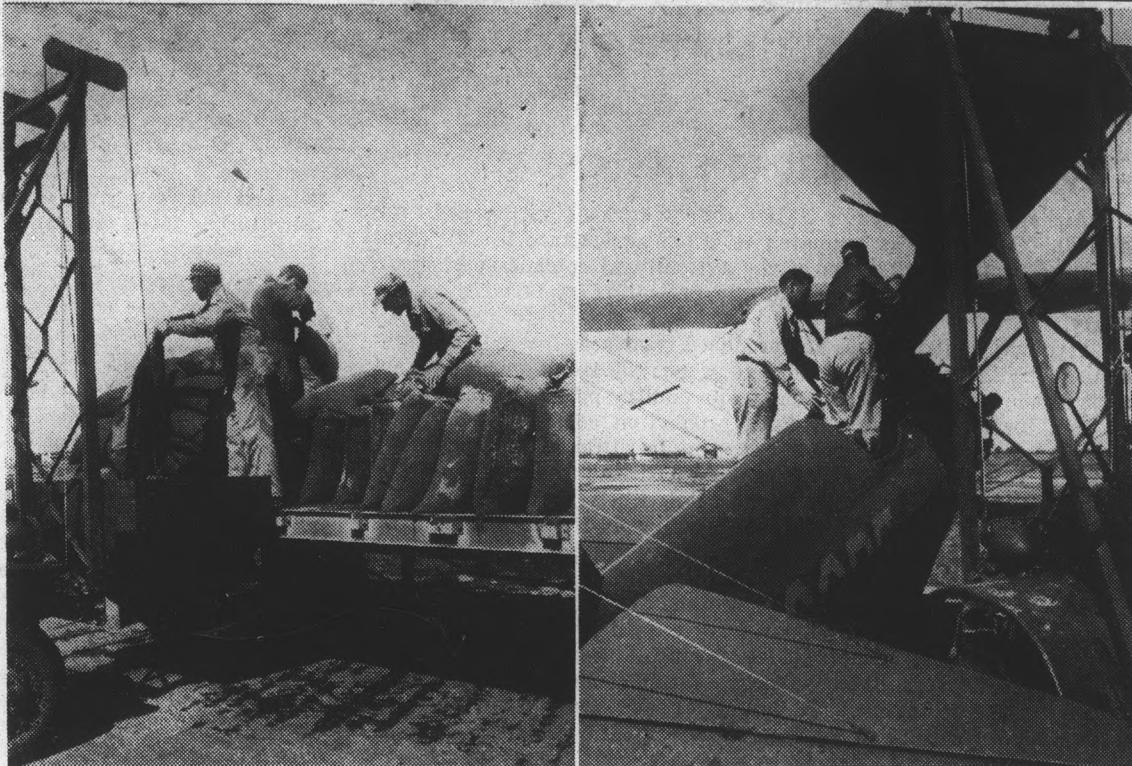
# THE FARM TRIBUNE

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PORTERVILLE, CALIFORNIA

Thursday, April 29, 1954



HIGH-FLYING farm machinery is used in the seeding of rice — a crop that is increasing in acreage this year in Tulare county to utilize former cotton land, and some land that is too poor to produce cotton. In photos above, Bob Moore, Charlie Woods and Gil Sheets are shown dumping sacks of rice seed into a mechanical loader at the old Rankin airfield; Hank Moore is shown in right photo assisting Pilot Erwin Hensley fill hopper of seeding plane and, left, Hensley comes in for a seeding run above flooded land. In this operation, the Moores — Bob, Hank and Jim — who own the Moore Supply company, Tulare, and who are also in the agricultural aviation business, were seeding an acreage east of Rankin field. Seed had been soaked for nearly three days and was just beginning to sprout; variety was Calora; 150 pounds, dry weight, were seeded per acre. During the growing period of about 120 days, water must cover the field; after the crop matures, the water is taken off and land allowed to dry out prior to harvesting. From 100 to 300 pounds of a commercial nitrogen fertilizer is ordinarily used per acre for rice and this year, some 4,000 acres will be planted in the county, including fields in the Pixley and Tipton districts. Prior to planting, a seed bed is prepared about like any other field crop, however, fields must first be contoured in order that water can be held evenly at one to five inches deep. The Moores said they would consider a 25-30 sack crop a satisfactory yield; market now is around \$5.00 per sack. Advantages of rice are that it can be grown on poor land; it is said to improve soil; weeds will be drowned out, however, the crop must be periodically rotated over a period of years, to keep soil in good condition.

(Farm Tribune photos)

## Junior Maid Of Cotton Selection Set For Monday As Part Of National Cotton Week And Porterville Fair

A junior maid of cotton, and four attendants, will be selected from among Porterville college girls at 11:00 o'clock next Monday morning as part of a Porterville program to observe National Cotton week, May 10-15, and as part of the Porterville Junior Livestock Show and fair program, May 20, 21 and 22.

The junior maid of cotton will assist in promoting recognition of the economic importance of cotton to the community during National Cotton week and, with her attendants, will participate in a cotton style show at the Porterville fair.

Several Porterville merchants will supply a cotton wardrobe for the junior maid and attendants; cooperating in the general observance of cotton week are the Porterville chamber of commerce, the

Porterville Chapter of the California Young Farmers and representatives of the cotton industry in southern Tulare county.

A second feature of cotton week is a cotton dress contest, sponsored by the southern Tulare county cotton industry, in which girls are to model cotton dresses that they have made.

In the dress contest two age

(CONTINUED ON PAGE 2)

## STORM BRINGS RAIN AND SNOW

Storm that moved in early this week brought rain to the valley and foothills and snow above the 6,500-foot elevation level.

Porterville fall of .36 inches brought the season total to 8.43 inches, compared to 10.77 at this time last year; Springville got 1.06 inches for a season total of 16.39 inches, compared to 15.05 inches last year, and California Hot Springs got 1.14 inches for a season total of 20.52, compared to 21.77 inches last year.



LAST YEAR'S winners in the first annual Porterville Future Farmer Tractor Driving contest were: Don Warnock, right above, first; Wayne Warnock, second; Don Anthony, third, and Gene Morosko, fourth. Don Warnock will be back in competition again Saturday at the second annual tractor driving contest at the new site of Porterville college, and is pegged as "the man to beat." (Story page 3, second section.)

## "KICK-OFF" BREAKFAST FOR FAIR

A community breakfast, Thursday morning, May 20, will "kick off" the 1954 Porterville Junior Livestock Show and fair, with the public invited to attend as guests of General Mills, Inc. and the fair board.

Menu will consist of Sperry pancakes, bacon and eggs, coffee, and orange juice; the first pancake will be flipped at 6:30 a.m. and serving will continue until 8 a.m.

In charge of arrangements for the breakfast is Boyd Eckard, president of the Porterville junior chamber of commerce, who will be assisted by junior chamber members.

A special invitation will be extended to exhibitors at the fair, and their families, who will be able to eat on the grounds prior to putting the finishing touches on booths and livestock in time for the official fair opening at 10 a.m.

Breakfast hour has been set early enough also to allow persons to eat at the fair before going to work in the morning.

In anticipation of fair opening, additional electrical wiring is being placed in the exhibit building, with Bob Mishler handling this job, and main switch for the grounds is being moved to allow construction of additional display space on the south end of the main building.

A larger transformer will also be placed on the grounds by the Southern California Edison company to handle an increase in general lighting of the grounds and building and to make available more power for commercial exhibitors.

## Tea Pot Dome Water District Hearing Monday

Petition seeking formation of the Tea Pot Dome water district in the general area of irrigated land south of the Tule river between the foothills and a line west of highway 65 will be presented at a public hearing before the Tulare county board of supervisors in the hall of records, courthouse, Visalia, beginning at 1:30 p.m. next Monday, May 3.

At this hearing members of the board will listen to all relevant evidence in support of the petition and in opposition thereto, also arguments pro and con for inclusion of land into the proposed district or exclusion from the proposed district.

(Continued On Page 8)

## DISTRICT IMPROVEMENT WORK PLANNED

Contract for construction of a pipe line system within Improvement District No. 1 of the Porterville Irrigation district is expected to be signed at a meeting of district directors to be held next Tuesday evening, May 4, at 8:00 p.m. at the district office.

At a special meeting of land owners within the district, held last Monday afternoon, bids were opened for the construction job, with Visalia Concrete Pipe company low at \$50,380.47. Jourdan Concrete Pipe company of Fresno bid \$56,933.35 and Stroud-Seabrook of Bakersfield, \$74,804.35.

At next Tuesday's meeting, district directors will make final determination of boundary lines for the Improvement district.

**Maid of Cotton**

(Continued From Page 1)  
groups have been set up for competitive judging of dresses: Girls up to 15 years of age and girls of 15 years through 18 years.

Two classes for dresses have been arranged: Party dresses and school dresses. A first prize of \$15.00; second, \$10.00, and third \$5.00, are being offered for each class of dress in each age group.

Judging will be on a basis of workmanship, suitability of pattern to material and suitability of style to the girl making and modelling the dress.

Entry blanks for the dress contest will be available at the office of the Porterville chamber of commerce and The Farm Tribune on and after Friday, April 30; entries must be filed at the chamber of commerce office in Porterville not later than 5 p.m., Friday, May 7.

Date and place of the dress judging will be announced later. All dresses entered must be of cotton material; first-place winners will be invited to model their dresses at a nightly cotton style show that will feature the Porterville fair.

Farm Tribune Ads Get Results.

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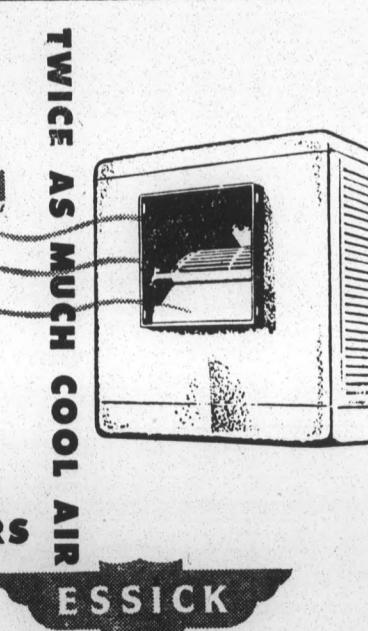
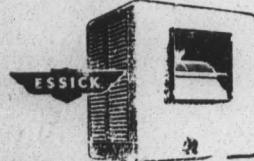
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## STRATHMORE HOMECOMING CELEBRATION WILL FEATURE BASEBALL, FLOWER SHOW, STEAK DINNER, OPERETTA AND DANCE

A variety of entertainment is scheduled for the annual Strathmore Homecoming celebration that will be held Friday, May 7, according to information released this week by Dorsey Parker, secretary of the Strathmore chamber of commerce.

Between 2 and 5 p.m. a flower show and tea will be held at the Strathmore Town and Country club; at 6 p.m. a barbecue steak dinner, with beans, salad and coffee, will be served at the Veterans' Memorial building and special entertainment presented.

Between 1 and 2 p.m., alumni of Strathmore high school will

### Dick Lawrence To Represent Ducor 4-H Club

Dick Lawrence has been named to represent the Ducor 4-H club at the state 4-H convention to be held in September on the Davis campus of the University of California.

At a recent meeting of the Ducor club, Bill Doster gave a report on the county-wide 4-H carnival held April 3 at Mooney Grove; Gordon Todd gave a report on a demonstration of the fitting and showing of livestock held April 10 at the Ray Hutchinson ranch.

Don Hunsaker, club president, announced a demonstration day to be held May 15 at Mooney Grove; he requested that members bring their project books up to date and stated that at the next meeting Susan Owen and Ken Renfro will give project reports.

### POTERVILLE FFA

Poterville Future Farmers had a field day at the annual Tulare FFA field day last Saturday, winning sweepstakes award over judging teams from Corcoran, Hanford, Exeter, Tulare, Delano, Visalia, Lemoore, Woodlake and Bakersfield.

In dairy cattle judging, a team composed of Karl Longley, Joe France and Glenn Johnson took first; in livestock judging, Merrill Castle, Gordon Dees and Don Shannon took first; in poultry, Andrew Gravlee, Tom Bodley and Bob Bodley took first and in farm mechanics, Wayne Warnock, Leonard Traeger and Don Warnock placed second.

W. B. Camp, Bakersfield farmer, has again been named to represent agriculture as a member of the board of the United States chamber of commerce.

### OBITUARY

Harry Mahaffey, 69, who was raised in Porterville, died March 31 at Reseda, where he had recently moved from Culver City, after residing in the latter city for 23 years.

James F. Hale, 44, of Fresno, died Sunday while visiting his son, Ronald James Hale, in Porterville.

## DAIRYMEN

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## We Only Heard

By BILL RODGERS

COMMENT HEARD after Monday night's sportsmen's banquet, "The biggest crowd and the best entertainment ever." We believe a pattern was established at this banquet that might well be followed in future years — politicians on the outside (and there were plenty of them,) and a good sportsmen speaker or other type of sportsmen program. However, directors may now face the problem of considering a later date and an outdoor banquet next year, for the old Sports Center was bulging at the seams to accommodate the Monday night crowd.

WE AGAIN call to public attention that those persons who complain that "nothing ever happens in Porterville," must not read the papers or listen to the radio. The Sportsmen's banquet has come and gone, but next Saturday, Future Farmers will hold their annual Tractor Field day at the new site of Porterville college; the following weekend, the Orange Belt Saddle club stages its annual world champion rodeo; also, on May 8, 4-H club members and leaders will gather at the Tulare fair grounds for the annual county-wide 4-H fair, (this can be almost classed as a Porterville event since so many persons from southeastern Tulare county will participate) then on May 20, 21 and 22 California's largest community-financed fair will be coming up, bigger and better than ever. The Community Concert association has just completed its ticket sales

## CHOIR FESTIVAL SPONSORED MAY 2

Dr. William W. Norton, California, director of the Church and Community Project of the College of the Pacific and of the Northern California-Nevada Council of Churches, and employed by the Lowell W. Berry Foundation, will serve as guest conductor of the 16th Annual Choir Festival Sunday night at 8:00 o'clock at the First Christian Church, as sponsored by the Porterville Ministerial Association.

Seven choirs are participating in the Festival and include: The First Congregational Evangelical United Brethren, Presbyterian of Terra Bella, First Christian, First Methodist, First Baptist, and Church of the Nazarene.

The program of music includes: "Come, Let Us Worship," Palestina; "Now Let Every Tongue Adore Thee," Bach; "With a Voice of Singing," Shaw; "Send Out Thy Light," Gounod; "Bless the Lord, O My Soul," Ippolitov-Ivanov;

"All In the April Evening," Robertson; "Cherubim Song" No. 7, Bertiniantsky-Tschaikevsky; "The Lord Is My Light," Allitsen-Salter; "The Lord Bless You," Lutkin.

Rev. J. Wilmer Lambert, pastor of the Church of the Nazarene, will preside at the service, and various pastors will participate in scripture, prayer, and benediction. Eight choirs are cooperating in the festival.

Mrs. Raymond Neufeld will play the organ, and Mrs. Sally Welch will accompany on the piano.

and has announced its concert series for the 1953-54 season and, of course, there'll be graduations all over the place in another month or so. In June, the Porterville Area Pilots' association will hold its annual fly-in and add to these any number of dinners and other special events by various organizations and the big problem seems to be how to get a night at home for the next month and a half.

LAST WEEK we slipped up on recognizing National YWCA week, with its theme, "We go to church; we go to school; we go to work — we go to the YWCA — go with us." Nationally, the YWCA has three million members and in Tulare county the organization carries on a fine program that brings an appreciation by youth of the church, the school, the community and the dignity of honest labor. In short, the YWCA stands as a real bulwark for the American way of life.



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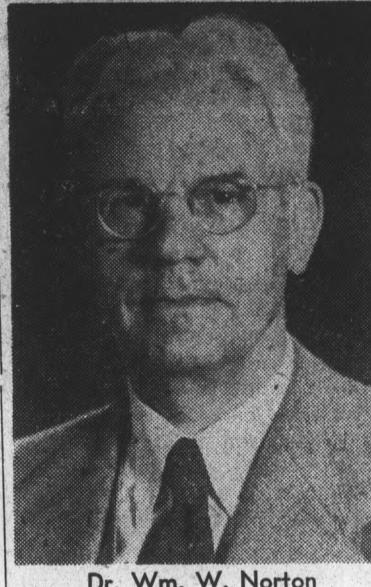
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Dr. Wm. W. Norton

## FIRST 4-H BAND ORGANIZED AT PLEASANT VIEW

Pleasant View 4-H club has recently organized the first 4-H club band in Tulare county and the new group played several numbers at the last meeting of the club on April 18 in the Pleasant View school auditorium.

The 13 members of the band are: Dick Sickles, Carole Rodgers, Brenda Santry, Jean Souza, Lauren Hodge, Lennie Smartt, Roger Smartt, Linda Lindgren, Tishia Sickles, Ty Sturgeon, Linda Hutchinson. President Dolores Hutchinson conducted the meeting, with Jean Souza acting as secretary in the absence of Judy Taggard.

Members were told of their success of their cake walk booth at the county 4-H club carnival and barbecue in Mooney Grove, April 3, and of the refreshment booth set up at the Pleasant View school track meet on April 9.

Vesta Tomicich, Richard Callison, and Gail Gray gave reports on their project work. Gail told of the breakfast served by the beginning cooking class recently for members and guests of the group.

On April 15 the club held its annual project tour, inspecting livestock of several members. The tour saw animals being raised by Travis Crawford (pig), Richard Callison (dairy cow and calf), Bill Wilcox (steer), Peggy Taggard (sheep), Linda Hutchinson (horse), Dolores Hutchinson (steer), and Jean Souza (steer).

Members voted for a delegate to the state 4-H convention. The electee's name will be announced later by the county 4-H club office. Nominees were: Roger Smartt, Vesta Tomicich, Ronnie Santry, and Dick Sickles.

Plans were made for entrees in the Porterville Livestock Show and Fair, May 20, 21, 22, and for the 4-H club fair in Tulare May 8.

## Lawn Fertilizer Prevents Crabgrass

Application of fertilizer to lawns helps prevent growth of crabgrass, according to Farm Advisor Vincent H. Schreers, who states that a thick turf, encouraged by fertilizer, prevents crabgrass seed from getting the sunlight necessary for germination. One pound of actual nitrogen for each 1,000 square feet of lawn is recommended.

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## TABLE GRAPES CAN BE THINNED MOST ECONOMICALLY WHEN SHOOTS SHOW FLOWER-CLUSTER DEVELOPMENT

By Frederik L. Jensen  
Farm Advisor

Table grapes can be thinned most economically when the new shoots have just developed far enough to show the flower-clusters. When most of the shoots have reached a length of six to 10 inches, the clusters are exposed.

Most table grape varieties, except Thompsons, can be flower-cluster thinned. Thompsons usually produce too tight a cluster if thinned before bloom.

Ribiers often produce three and sometimes four bunches per shoot. Keep the second cluster from the base since it usually produces the best fruit. If a second bunch is retained per shoot, the third cluster from the base is probably preferable to the first cluster. The first cluster is usually poorly shaped and the third cluster, well-shaped but smaller than the second. Cardinals are quite similar to Ribier. Both of these varieties are shoot thinned in addition to flower-cluster thinning on the retained shoots.

Red Malagas are often also shoot thinned. In this variety, the first or basal cluster is preferred to the second cluster when flower-cluster thinning.

Emperors do not set as many clusters as most other table grape varieties. Whether any cluster need be removed depends upon the vineyard and the year. Older vineyards with normal pruning generally do not set too many bunches. Young vineyards often benefit from a reduction in crop. During heavy crop years such as 1951, almost all vineyards would have greatly benefitted from thinning.

For Emperor when flower-cluster thinning, the basal cluster is retained although it does not differ greatly from the second cluster. The shoulder ought also be removed on the retained cluster.

Farm Tribune Ads Get Results.

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## DEAR FRIENDS:

During the past few weeks I have been bringing you thought provoking quotations to illustrate my governmental philosophies as an individual. Today I am bringing you a quotation that I feel lists those things definitely NOT desirable in a public official who daily deals with worthy and weighty problems as a representative of the people who elected him . . .



"Nothing of worth or weight can be achieved with half a mind, with a faint heart, and with lame endeavor."

— Barrow

If elected Supervisor of the Fifth District, Tulare County, I promise to give you a WHOLE-HEARTED and Strong ENDEAVOR to fully represent you, individually and collectively, during the entire term and throughout the entire scope of my office.

Sincerely,  
JOHN R. "RAY" LONGLEY

## FOR SUPERVISOR 5th DISTRICT

**JOHN R. 'RAY'** **LONGLEY** **X**

DR. J. L. GOMPERTZ  
BOOKED AS SPEAKER

Dr. John L. Gompertz, a representative director of the National Tuberculosis association and a director of the California Tuberculosis association, will be the guest speaker at the annual meeting of the Tulare County Tuberculosis and Health association to be held at the Tagus ranch, beginning at 7:00 p.m., Friday evening.

Farm Tribune Ads Get Results.

3,000 4-H Fair Exhibits Expected  
At Annual Event In Tulare May 8

More than 3,000 exhibits are expected at the Tulare County 4-H fair at the fairgrounds in Tulare on Saturday, May 8.

Plans for this year's fair, the twenty-seventh annual, have been made by a committee of 4-H leaders consisting of Herb Kramer, Earlimart, chairman; Chester Gil-

bert, Burton; Vernon Gill, Springville, Mrs. S. D. Loar, Oakdale; Mrs. Myron Tisdel, Orosi; Leland Swall, Oakdale; and Mrs. F. E. Pinnell, Three Rivers.

The Dress Review will be held Thursday, May 6, at 8:00 p.m. in the commercial building on the fairgrounds. Sixty outstanding clothing members will be selected to compete for a trip to the State 4-H convention at Davis in September where the state winner will be awarded a trip to the National 4-H congress in Chicago.

Judging of the home economics will take place during the week of May 3 with all exhibits on display Saturday, May 8. All of the agricultural exhibit judging will take place on Saturday and the day's activities will be climaxed with a tractor driving contest at 1:00 p.m. Clothing, foods, vegetable judging, and showmanship contests will be included in the day's activities. This is the largest annual county 4-H event held each year by the Tulare County 4-H council and the Agricultural Extension service.



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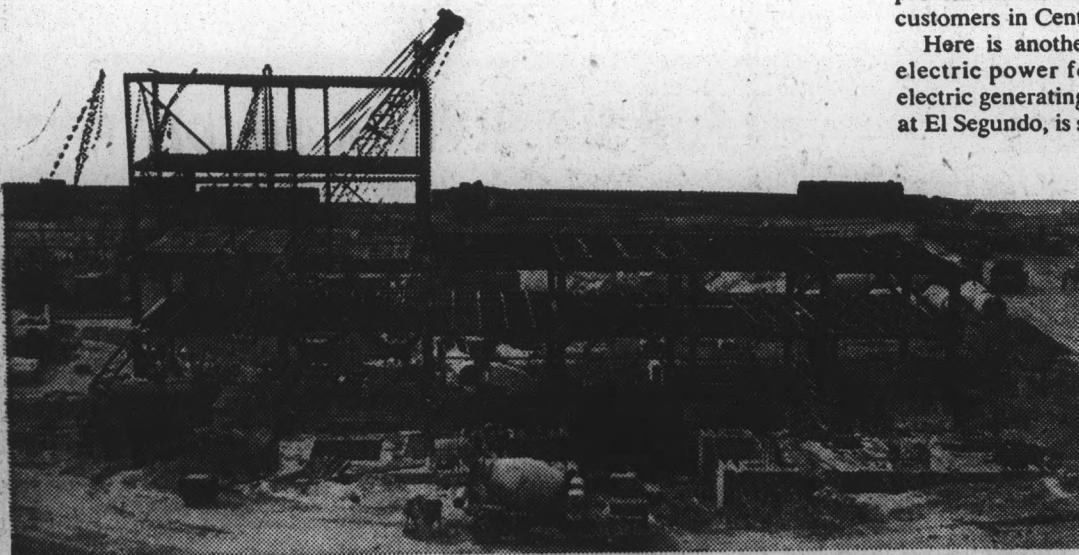
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## CAMERA TIPS

By Hammond's Studio

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## Relatively High Plant Population Needed For Machine-Picked Cotton

By Alan G. George  
Farm Advisor

In producing high cotton yields for best machine picking efficiency it is important to maintain a relatively high plant population per acre. Results of cotton plant population studies have shown that cotton plant spacing is not too critical with respect to yield within certain limits. Generally highest yields have been obtained with a plant population which has an average spacing of from 2 1/2 to 8 inches, or 20,000 to 60,000 plants per acre.

Even though cotton yields are not affected within certain plant population limits there is a relationship between spacing, the plant growth characteristics, machine picking efficiency and cul-

tural practices.

Some of the possible advantages of closer spacing are: Increased machine picking efficiency, decreased late season weed growth and increased yield when Verticillium wilt is a problem.

Higher plant population reduces the length of lateral branching particularly in the lower part of the plant, which makes it easier to machine pick. Closer spaced plants cause the first fruiting node to be higher on the stalk from the ground which gives higher picking efficiency. Small stalks are produced by the closer spaced plants which is an advantage at harvest and in stalk disposal.

A higher plant population may also decrease late season weed growth because of the greater shading effect from the cotton foliage and maintain higher yields where wilt is a problem because a larger number of plants escape the infection.

Uniform plant distribution is important in machine pickings but thinning to individual equally spaced plants is not necessary. Closely spaced plants tend to bunch out at the top in search of light and room to grow. Where growth is tall and rank there is a tendency for heavily fruited plants to lodge.

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### COTTONSEED PRICE SUPPORT AT 75 PER CENT

Price supports for this year's cottonseed crop will reflect about 75 per cent of the March 15, 1954, parity price of \$72.20 a ton for average quality seed, according to the U. S. department of agriculture. The 1953 crop also was supported at 75 per cent of parity.

Prices will be supported by means of farm-storage loans, and by purchases of cottonseed and cottonseed products. Loans will be available at \$54.00 per ton for basis grade (100) cottonseed. In areas where a purchase program may be necessary, purchases will be made from producers at \$50.00 per ton for basis grade (100) cottonseed. Other provisions of the 1954 support program, including purchase prices for cottonseed products, are being developed and will be announced at an early date.

During the active marketing season, details on the operating provisions may be obtained from state and county Agricultural Stabilization and Conservation committees.

The best spacing for individual growers depends somewhat on the size of the plant which is generally produced and the soil fertility. The distance between plants should be in the direct proportion to the fertility of the soil. Where plant height is not expected to exceed five feet, an average of four inches or less between plants is near optimum for yields and machine picking efficiency. If the plant height is expected to be greater than five feet, five to six inches or more between plants helps reduce lodging.

In a few cases on very fertile clay soils the best average spacing may be eight inches or more.

Where less than about 18 to 20 pounds of seed per acre has been planted it is usually not necessary to thin.



**DIMPLES AND CURVES** — that just about sums up "Miss Tulare County" for 1954. She is Miss Stella Cox, Woodlake, a freshman coed at the College of the Sequoias, Visalia, who won the beauty title from 11 other contestants. On the left is last year's winner, Barbara Lee Nutter, Tulare, who crowned this year's "Miss Tulare County." On the right is Al Blain, president of the sponsoring Visalia Kiwanis club and Republican candidate for Congress from the 14th district who presented Miss Cox with a \$200 scholarship and a handsome trophy. Miss Cox now will represent Tulare county in the "Miss California" contest in Santa Cruz in June and if she wins that one she will go to the "Miss America" contest in Atlanta City in July.

### Agronomy Day

Agronomy Spring Field day will be held May 21 on the Davis campus of the University of California, with program to run from 9:30 a.m. until 4:00 p.m.; program will include talks on range management and production of cereal crops.

The Rev. Joe Geddes is teaching the adult Bible class at the Evangelical United Brethren church for a period of 13 weeks.

Farm Tribune Ads Get Results

Harvest of asparagus, generally, is about two weeks behind last year.

**For**  
**FARM LOANS**  
See  
**Harry J. Johnson Co.**  
Realtors  
520 N. Main St. Phone 752  
Porterville

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Livestock Feed Company

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THE FRANCHISING OF

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to manufacture, sell and distribute ERLY-FAT and  
EARLY-FAT PRODUCTS, including

**Early-Fat Range Cubes**  
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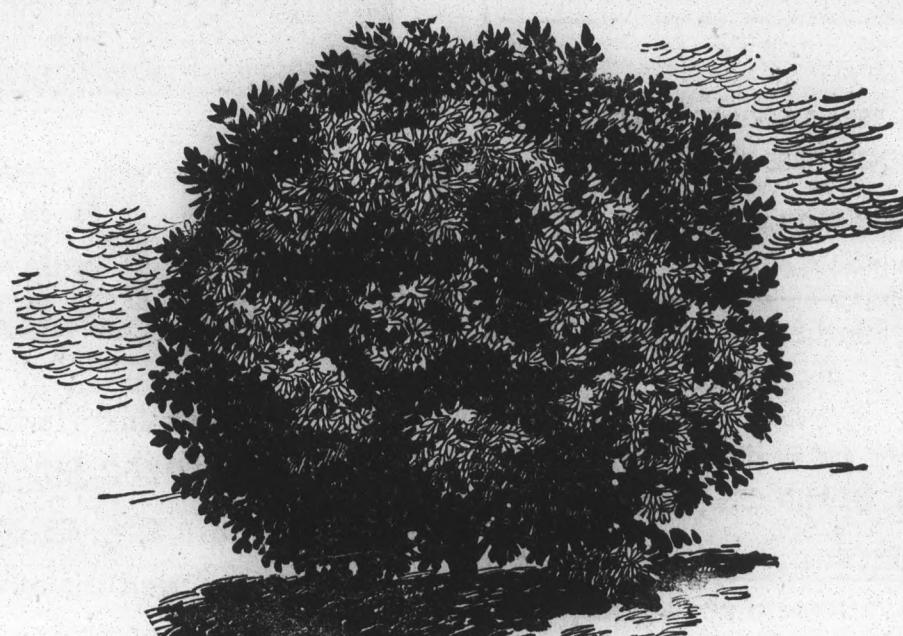
**CONTACT**

**JOHN SIEMENS**

**At Pixley**

**BERNARD J. SOUZA**

**At Porterville**



### NEW, IMPROVED Wettable Sulphur now available to valley growers

If you prefer a wettable sulphur, there is a brand new and greatly improved wettable sulphur available to you for the first time this year.

When you spray this sulphur on — it sticks! It gives your crop longer-lasting protection, because it forms a heavier deposit on leaves and tree surfaces.

You'll like its easier handling qualities, too. There's almost no foam. It disperses rapidly and thoroughly in water — and when you mix

it, it stays mixed!

Only Sunland's new, improved wettable sulphur gives you all these benefits — yet it costs no more than ordinary sulphurs.

If you plan to use wettable sulphur this season — take advantage of the best there is. Get Sunland's new, improved wettable sulphur. For complete details on how this new product can give you better crop protection, see your Sunland Dealer, or contact Sunland Industries, Porterville.

**Sunland Industries INC.**  
201 N. D Street Phone 2283  
SULPHUR INSECTICIDES FERTILIZERS SEEDS  
Porterville, California

# FINS FUR FEATHERS

By Phil The Forester

The long threatened has come at last, or in other words the trout season opens this week in most of California. The legal opening time is one hour before sunrise on Saturday, May 1. Every angler should call at his sporting goods store and secure a copy of the 1954 Angling Regulations, a 32 page pocket size booklet full of data of value to the California angler, and it's free for the asking.

In Tulare county, most of the Kaweah and Tule river watersheds will be stocked with catchable size put and take rainbow prior to Saturday. The Kern river and tributaries is being heavily stocked.

In Mariposa county, the Merced river below the park line will have an allotment of catchables as will Big Creek (lower end) in Madera county.

The Kings river in Fresno county will probably be too high for fish planting before the season opens but this water can be expected to produce good catches of wild brown trout and rainbows and perhaps some rainbow carryovers from last year's plant.

Shaver or Huntington lakes are not scheduled to be stocked with catchables prior to the opening but Shaver in any event and no doubt Huntington too, will provide plenty of carry over trout.

Merced county — Lots of large frogs in the sloughs and drainages and lots of froggers after them too. Deep holes in the San Joaquin river in this area are producing some nice black bass.

Fresno — Millerton continues to produce good bass and bluegill and the big crappie. Mendota Pool area, plenty of bass, catfish, bluegill, crappie and frogs. Frogging good in the Coalinga area.

The San Joaquin river (not stocked with catchables) is expected to be high and roily. The Fresno County Sportsmen's Club has voted to purchase catchable size rainbow for planting this river below Friant but this will perhaps be later in the season. The new San Joaquin river trout hatchery should be in operation next year with fish available for what's left of the big river below the big dam.

The road over Kaiser Pass will be open but no picnic to travel and anglers going that far should go prepared for anything to happen. Over on the coast, several streams and rivers are being pre-season stocked with catchables in Santa Barbara, San Luis Obispo and Monterey counties with the Big Sur and Camel rivers perhaps the most productive and readily accessible.

## SPRINGVILLE NEWS

By Winnie Gage

George Booth was honored on his birthday, April 23, by a dinner prepared by his wife and enjoyed by Mr. and Mrs. Charles Spencer and family, Mr. and Mrs. Clifford Fitton and family of Porterville, Mr. and Mrs. Geo. Myers and Rosa Booth and Mike Spencer. His two small grandsons, 2 years old, sang "Happy Birthday."

The Springville Hobby Club held its monthly meeting on Friday at the home of Miss Lucille Higgens.

It was hat day and hats were made of every material available. First prize on hats was won by Mrs. Elvira Herbert. Mrs. Winnie Gage won a prize for oddest hat made of a phonograph record.

Each member recited their first poem or song of school days.

Refreshments of iced tea, ice cream and cocoanut cake were served to Mesdames Sarah Fees, Mona Smalridge, Ruth Shoup, Ann Baird, Ethel Rush, Gwendolyn Myrick, Emma McCutcheon, Lora Gage and the four guests, Mrs. Baily Grinnell, Mrs. Elizabeth Warzee and Mrs. Williams. The next meeting will be May 21 at the home of Mrs. Lora Gage.

A crowd of 100 or more attending the first Field Trial on Sunday at the Gill Arena were enter-

tained by races and catches of the hounds.

It was sponsored by the Tule River Houndsmen's Association.

Mrs. F. M. Gumm and son, Robert, of Altadena was a recent visitor in the home of her uncle, Mr. and Mrs. Albert Keasey.

Guests of Mr. and Mrs. Ike Rush last weekend were their son, Hal, and family of Long Beach and a granddaughter, Anita Rush of Bakersfield. Mr. and Mrs. Ike Rush returned to Long Beach with Hal for a week's visit.

Irvin Herbert of Santa Anna visited his mother, Mrs. Elvira Herbert, over the last weekend, also his sister and husband, Mr. and Mrs. Milt Walker.

Mrs. Frank Kibler is leaving for a three weeks' trip with relatives and friends in Cleveland, Ohio, and Joplin, Mo. She will travel with her brother, Gayland Lurwick and her sister, Madeline McCreas.

A miscellaneous shower given for the Clifford Morrison family (whose belongings burned in a recent fire) at the home of Mr. and Mrs. Weaver Thompson last Sunday evening. They received nice, useful gifts.

This is Public Schools week and a program for parents will be given by students of all grades on Thursday afternoon with special numbers by the choir and orchestra.

Gene Pixley, son of Mr. and Mrs. Morrison Pixley and Guy Kelley,

## Former Earlimart Resident Named Extension Assistant

Irvin Peterson, who was born at Earlimart, has been appointed extension assistant in the Tulare county farm advisor's office, to replace Wallace Schreder, who has been named farm advisor in Tehama county.

Mr. Peterson is a graduate of Dinuba schools, he is a Navy veteran; is married to the former Patricia Ruth Abbott, of Sacramento, and for the past three years has been employed by his foster parents, Mr. and Mrs. S. R. Kerner, who operate a large turkey farm and hatchery and who also operate a dairy farm and raise field crops at Dinuba.

son of Mr. and Mrs. Mike Kelley, who are attending W. C. at Berkeley, are home for spring vacation. Gene is majoring in soil science and Guy in physics, math and astronomy.

Homecoming day in Springville is May 2. Invitations have been sent out to old-timers. A beautiful hand-quilted quilt will be given away as 4-H members are selling tickets. The quilt was quilted by Mrs. Floyd Frayo's mother, Mrs. Laura Dohler of Puenta.

A group of Methodist Church members enjoyed a dinner at the Mays Ranch in Success Valley last Sunday.

## These Porterville Merchants Want To Serve You

### Auto Body

Ph. 186

FIRESTONE TIRES — AUTO GLASS  
Wheel Alignment — Frame Straightening  
Body and Fender Repairing

### Valley Body Company

335 East Morton St. Porterville

### Garage

Ph. 36

COMPLETE REPAIR SERVICE — ALL MAKES  
HOOD TIRES AND TUBES

### Haulman's Garage

519 Second Street Porterville

### Feeds & Seeds

Phone 2031

#### HILCO FEEDS

Seeds — Fertilizers — Insecticides  
Farm and Garden Supplies

### J. B. Hill Co., Inc.

100 E. Orange Porterville

### Sharp's Insurance Agency

Representing  
STATE FARM  
INSURANCE COMPANIES  
We Are Now Insuring More Than  
3,000,000 Automobiles  
THERE MUST BE A REASON  
Are You Paying Too Much For  
Automobile Insurance?  
2491 W. Olive Phone 3025

### Groceries

Ph. 1922

"A Good Place To Stop and Shop"

### Hardaway's

GROCERIES — MOTEL — GAS and OIL  
620 South Main — Porterville

JOE HARDAWAY DON HARDAWAY

### Mill Work

Ph. 977

Cabinets — Store Fixtures  
Windows — Doors — Frames  
Glass and Glazing

### Porterville Planing Mill

314 W. Olive Porterville



## BARBECUE

There's Just Nothing Like

### BARBECUED BEEF

For Those Organization Picnics  
and Dinners

## Jones Locker

Barbecued Beef That Is

We Do the Whole Job for Crowds of 150,  
or more, even to Slicing the Meat for you

15 YEARS EXPERIENCE

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CUSTOM MEAT CUTTING and CURING

DONALD E. JONES

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Phone 926

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### The Farm Tribune

522 N. Main

Porterville

### Pumps

Ph. 505

Fairbanks-Morse — Pomona Turbines

Pressure Systems

Centrifugals and Submersibles

### Porterville Pump Shop

412 S. Main

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### Records

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ELECTRICAL SUPPLIES  
REPAIRING

### Rider's Electric

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### Refrigeration

Ph. 1350

### Dependable Refrigeration

SALES and SERVICE

Refrigeration — Air Conditioning

Crosley Appliances — Bendix Duo-Matics

Emerson Television

1101 W. Olive

Porterville

### Richfield Service

Ph. 2135

GOODYEAR TIRES — BATTERIES

ACCESSORIES — LUBRICATION

### Hicks' Richfield Service

532 N. Main

Porterville

## CLASSIFIEDS

SAVE TIME

AND MONEY

## NOTICE

Responsibility for an error in any advertisement will be assumed by The Farm Tribune for only one publication of said advertisement.

## ★ Misc. For Sale 75

NEW TIRE, 600x16, \$8.95, Exchange. One Year Road Hazard guarantee. OK Rubber Welders, 300 S. Main, Porterville. a15-1

V-8 CADILLAC MOTOR and hydraulic transmission, 1941 model, slightly used since overhaul. Haulman's Garage, 519 Second Street.

1951 CASE S. C. TRACTOR with 4 Row Cultivator and Fertilizer attachments. Attractive price, excellent terms. Porterville Tractor Co., 1211 W. Olive, Phone 661.

BUYING OR SELLING — See J. D. Frost, Realtor, and Associates. 309 E. Putnam, Porterville. Phone 1167.

WANTED — Scrap iron and metal. Gray Wrecking Co., 1365 Olive St., phone 948, Porterville. j14-1

"PILLSBURY'S BEST"  
Daisy Dairy Feed — \$3.77 Cwt.

ORANGE STREET FEED STORE  
Corner Orange and E Streets  
Porterville, California

PIANO TUNING and Repair — Donald M. Knight, 303 Doris, phone 2197-J, Porterville. j21ff

FOR SALE — 54 in. Youngstown Cabinet Sink only \$99.95 — 66 in. Twin Custom Youngstown Cabinet Sink, \$139.95 — 66 in. DeLuxe Twin Youngstown Cabinet Sink \$169.96. Brey-Wright Lumber Co. j21ff

FOR SALE — New reduced prices on Aviary Netting. See us before you buy. Brey-Wright Lumber Co. j21ff

WANTED — Rabbit Fryers, 4½ to 5½ pounds. Weekly pickup. Walker's Rabbitry, Star Rt. No. 2, Springville. Phone 30-Y-13. Please phone evenings. f4ff

FOR SALE — Oat Hay; stored in barn. Any amount. Phone Porterville 31-W-11. f11ff

BRICK FOR SALE  
\$30.00 per M f.o.b. Truck at Plant, Exeter.

500. Brick per lot or pallet.  
\$35.00 per M for less than 500. Small charge for pallet until returned.

Power loading. No waiting.  
S. P. BRICK CO.  
Exeter, California  
Phone 215 Exeter, California  
Phone 6-9501, Fresno, California

\$\$\$\$ SAVE ON PARTS \$\$\$  
USED TRACTOR AND  
IMPLEMENT PARTS  
All Makes  
Mowers, Cultivators, Discs

WEISENBERGER'S FARM  
SUPPLY  
1231 W. Olive Phone 1790

FOR SALE

USED SCHMIESER TILL AND  
PACKS, 12 foot, \$240; 16 foot,  
\$320; 7 foot, \$150.

TOOL CARRIER — Yorker-Johnson, used very little, less than half price.

HARROWS — Rigid Spike Tooth, \$29.75 per section.

PORTERVILLE FARM  
IMPLEMENT COMPANY  
S. Main Street Porterville  
Across the street from Justesens

NEW TIRE, 670x15, \$9.95, Exchange. One Year Road Hazard guarantee. OK Rubber Welders, 300 S. Main, Porterville.

COOLER PADS, and service for all makes. Weisenberger Farm Supply, 1231 W. Olive, Porterville, Porterville. Phone 1790. a22ff

DAILY FRESH FRYERS, straight from the Buist Poultry Ranch, at Anderson Market, 1407 E. Putnam, Porterville. a22-1

HORSE FOR SALE — Gaited American Saddle Bred Gelding. Gentle for children. Phone 483-R or 736-W, Porterville. a22-3p

ATTENTION PORTERVILLE SAVINGS & LOAN WITHDRAWABLE SHAREHOLDERS. I AM OFFERING A BONUS FOR FULL OR FRACTIONAL GUARANTEE STOCK SHARE SUBSCRIPTION WARRANTS. JULY PRIFTIKE, 309 E. PUTNAM. PHONE 1167, PORTERVILLE, CALIFORNIA. a29

WATKINS PRODUCTS — Call 2009-W or see W. P. Kirk, 652 Holcomb, Porterville. a29-2p

FOR SALE — Valencia orange budded on same stock. P. O. Box 398, Orange Cove; phone Orange Cove 123. a29-2

## LEGAL NOTICES

## NOTICE TO BIDDERS

CONSTRUCTION WORK FOR THE PORTERVILLE IRRIGATION DISTRICT, PORTERVILLE, CALIFORNIA.

Notice is hereby given that sealed proposals for the doing of the work described in the schedules hereinafter set forth will be received by the Board of Directors of the Porterville Irrigation District at its Office near the City of Porterville, State of California, at any time up to 10:00 A.M. o'clock, May 15, 1954, at which time and place all bids so received will be open in public by said Board. Thereafter said Board will let said work as indicated in the Schedules to the lowest responsible bidder or bidders, but said Board reserves the right to waive any irregularity in any bid received and/or to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for which proposals are hereby invited is divided into schedules and is more particularly described in the plans and specifications therefor, which may be seen at the Office of the Porterville Irrigation District. The work is generally described as a concrete outlet structure, together with supply pipe line and necessary appurtenance.

Said Board has established the prevailing wage rate which must be paid to workers employed on said construction. The details of which are contained in the detailed specifications available at said district office.

No bidder may withdraw his bid for a period of thirty (30) days after the date set for the opening of bids.

## SCHEDULES

The work for which proposals are hereby invited is divided into 3 Schedules, as follows:

SCHEDULE NO. 1 Consisting of approximately 47.5 Cu. Yds. of reinforced concrete for a pumping station with steel beams, wood cover. Steel plate cover, built in ladder and other details.

SCHEDULE NO. 2 Consisting of approximately 72 feet of 42" reinforced concrete pipe.

SCHEDULE NO. 3 Consisting of approximately 3 30" screw pressure gates 1 42" canal gate.

Said work is more particularly described in the plans and specifications therefor, which may be seen at said office of said Porterville Irrigation District.

A bidder to whom a Contract for doing said work may be awarded must furnish bonds as required by law, to wit: A bond in the sum of at least one-half (½) of the estimated contract price to secure the payment of the claims of materials, men, mechanics and laborers, and a bond in the sum of at least one-fourth (¼) of the estimated contract conditioned upon the faithful performance of the Contract.

Each bid must be accompanied by cash or a cashier's or a certified check, made payable to the Porterville Irrigation District, for an amount equal to at least five per cent of the amount of the bid as guaranty that if the bid is accepted, the bidder will, within five days after notice of its acceptance, enter into Contract with the District in the form attached to said specifications and furnish bonds aforesaid.

The quantities given in the aforesaid schedules are approximations only but will be used in computing the amounts of the deposit and bonds hereinbefore required.

The Contractor will be paid for the work bid with cash and/or warrants issued by the Directors of the Porterville Irrigation District.

Bids must be on the proposal form attached to the specifications and must be in sealed envelopes addressed to the Board of Directors of the Porterville Irrigation District, and marked to indicate that each is a proposal for the doing of said work.

Dated at Porterville, California, April 20, 1954.

By order of said Board of Directors,  
VIRGINIA K. FALCONER  
Secretary of the Board of  
Directors, Porterville Irrigation  
District.

## LEGAL NOTICES

NOTICE TO CREDITORS  
No. 12372

In the Superior Court of the State of California In and For The County of Tulare

IN THE MATTER OF THE ESTATE OF J. J. KAUFMAN ALSO KNOWN AS JOSEPH J. KAUFMAN, DECEASED.

Notice is hereby given by the undersigned administrator of the estate of said deceased to the creditors of and all persons having claims against said deceased or against his estate, to file them with the necessary vouchers within six months after the first publication of this notice, in the office of the clerk of the above entitled court, at his office at the Hall of Justice in the City of Visalia, County of Tulare, State of California, or to file such claims, together with the necessary vouchers, within six months after the first publication of this notice with the said administrator at the office of Burford & Hubler, Bank of America Building, in the City of Porterville, County of Tulare, State of California, which said last named office the undersigned selects as his place of business in all matters connected with the estate of said deceased.

NOTICE TO CREDITORS  
No. 12423

In the Superior Court of the State of California In and For The County of Tulare

IN THE MATTER OF THE ESTATE OF W. G. GRAHAM, DECEASED.

Notice is hereby given by the undersigned administrator of the estate of said deceased to the creditors of and all persons having claims against said deceased or against his estate, to file them with the necessary vouchers within six months after the first publication of this notice, in the office of the clerk of the above entitled court, at his office at the Hall of Justice in the City of Visalia, County of Tulare, State of California, or to file such claims, together with the necessary vouchers, within six months after the first publication of this notice with the said administrator at the office of Burford & Hubler, Bank of America Building, in the City of Porterville, County of Tulare, State of California, which said last named office the undersigned selects as his place of business in all matters connected with the estate of said deceased.

NOTICE TO CREDITORS  
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NOTICE TO CREDITORS  
No. 12448

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NOTICE TO CREDITORS  
No. 12449

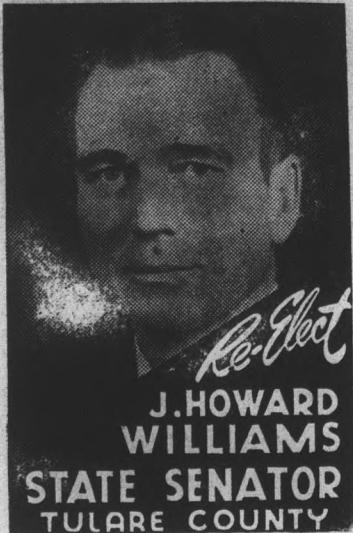
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NOTICE TO CREDITORS  
No. 12450

Date of First Publication: April 22, 1954. a22,29,my6,13,20,27

NOTICE TO CREDITORS  
No. 12451

Date of First Publication: April 2



## TEA POT DOME

(Continued from Page 1)

During or prior to this hearing, any holder of title to land includable in the proposed district may present in writing to the board an application for inclusion of land in the proposed district.

Boundaries of the proposed district will also be fixed during the hearing and official name of the district designated.

Inclusion in the proposed district, which is being established as a California Water district rather than an irrigation district, are 3,742 acres of land.

Primary purpose of formation is to secure Central Valley project water from the Friant Kern canal.

TOUR VIEWS  
AREA RANCHES

Beef Cattle Tour of the Western Livestock Journal will stop in Porterville tonight, after viewing Tulare county cattle ranches during the day, then continue on through the southeastern Tulare county area enroute to Bakersfield.

Ranches visited today in southeastern Tulare county include: Cairns ranch, Lindsay and the John Guthrie Feed lot, Woodville. Tomorrow the tour visits the Avery and Ferguson ranch at Springville, the H. B. Cattle ranch south of Porterville then, after lunch at Glennville, the Acehi Cedar Creek ranch.

TULARE COUNTY AGRICULTURE  
IS VALUED AT \$212,975,991

Tulare county agriculture was \$57,549.

The total figure in 1953 dropped from an all-time high of \$252,727,816 in 1952, and was also topped in 1951, but is still the third highest on record.

## Wing To Be Opened

An informal open house is planned for May 23 to exhibit to the public the new outpatient-administrative wing of the Tulare County General hospital at Tulare. The 16,600 square foot wing cost \$350,000.

## TIRE SALE

## NEW TIRES

## NEW

6.00 x 16 or 6.70 x 15

\$ 8 95

## "OK" TIRES

Plus Federal Tax  
and Clean Trade-In

## NEW

6.00 x 16 or 6.70 x 15

\$ 12 75

## "OK" Auto Floats

18 Months Written Road Hazard Guarantee

Other Standard Brands... Same Price

Plus Federal Tax  
and Clean Trade-InWHEEL BALANCING  
Special

75¢

Ask About Our Tire  
Trueing For That  
Glide-RideWEIGHTS  
FREE

## O.K. Rubber Welders

Also on Display

the "OK"

Supreme 220 tire

Built for the most discriminating Buyer--36 month unconditional road-hazard guarantee plus "OK" Safety Service Policy.

The Home of the Nation-Wide Money-Back  
Unconditional Road Hazard Guarantee

300 S. Main

Porterville

Phone 1802-J

# THE FARM TRIBUNE

## "Annual Farm Equipment Issue"

Thursday, April 29, 1954

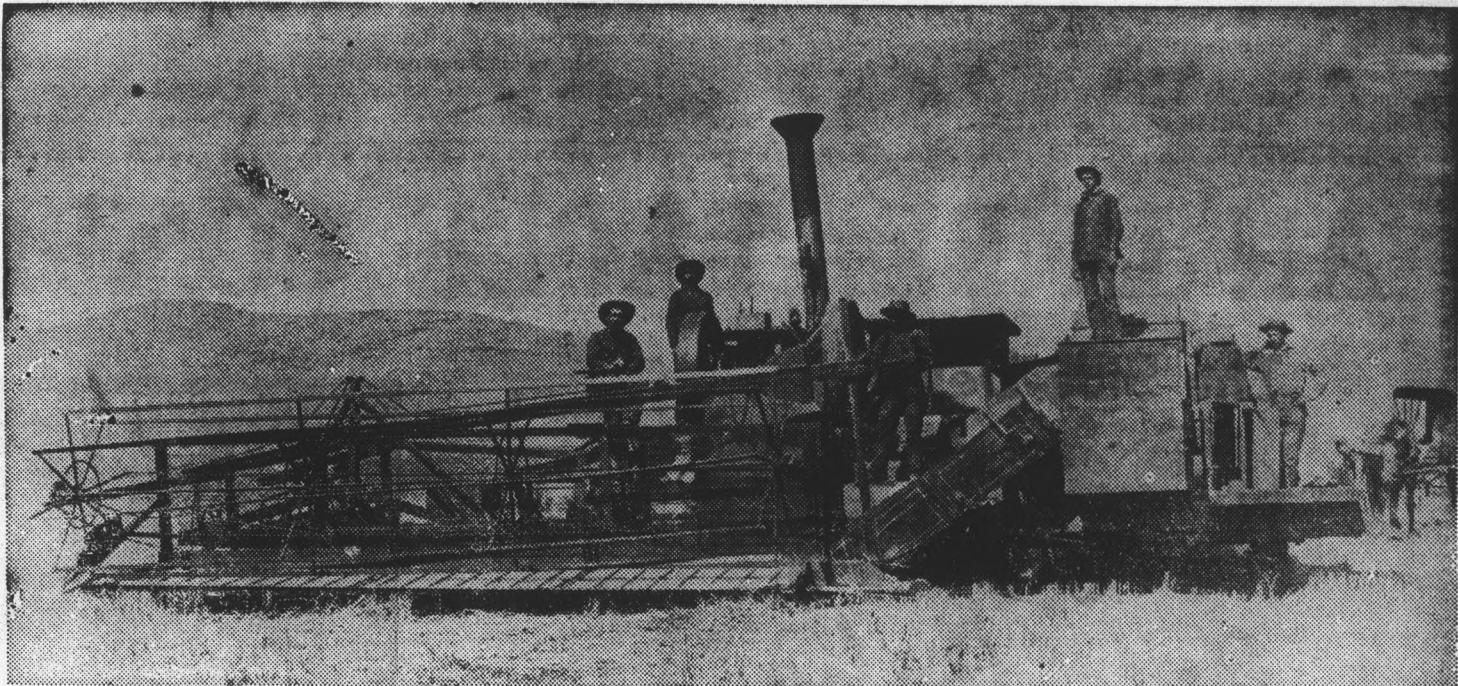
FARM IMPLEMENT EDITION

Page 1

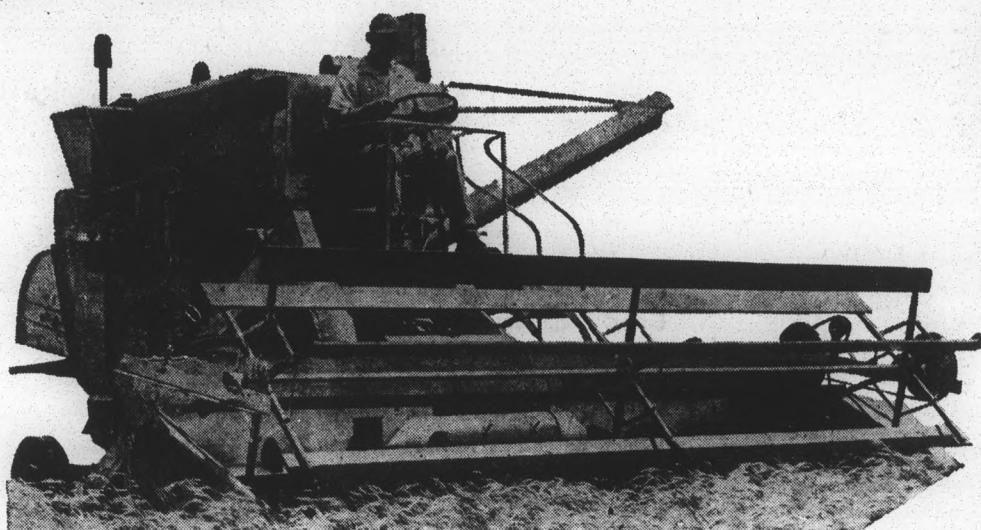
# THE WHEELS

OF AGRICULTURE ROLL ALONG

THE OLD



THE NEW



EIGHTEEN FARM IMPLEMENT DEALERS  
WILL EXHIBIT AT PORTERVILLE FAIR  
THAT OPENS MAY 20 FOR THREE DAYS

Eighteen farm implement and supply dealers of southeastern Tulare county will show their wares at the seventh annual Porterville Junior Livestock Show and Fair, May 20, 21 and 22 at the Porterville municipal ball park and fair grounds.

Newest implements and equipment on the market will be exhibited for the benefit of ranchers and city folks who visit the fair grounds. Dealers will keep personnel on the grounds to explain the various features of new devices designed to make farming easier and more profitable.

Firms that have contracted for fair space are: E and L Machinery company, Porterville Farm Implement company, Western Engineering company, Treanor Equipment company, Weisenberger Farm Supply, Billingsley and Elliott Tractor Sales, Porterville Hardware company, Commercial Tire Service company, Wall's Livestock Supply.

Howard Chain Saw company, Tighe Chevrolet, Jones Hardware, Strathmore Machine Works, Food Machinery Corporation, Daybell Nursery, Porterville Feed and Seed, Everett Havens Shell Oil distributor and Sheela Sales and Service.

### FARM MACHINERY CHANGES WILDERNESS OF THE WEST INTO A "GARDEN OF EDEN"

By Bill Reece

This is our second Farm Equipment Issue. Recorded within these pages are the advancements, developments and improvements that have taken place in the field of farm machinery since we put the first issue to bed — one year ago this month.

Perhaps no other area in the world is more indebted to farm machinery or more appreciative of its results than is our own. Machinery has virtually transformed the West into a "Garden of Eden" from an almost inaccessible wilderness and established the West into the agricultural leadership of this half of the world. In the short period of a century, the machine in the hands of inventive man has produced a "Utopia" the envy and goal of free men everywhere.

Our agriculture is unique in its ability to produce crops with an amazingly low expenditure of man-hours. No other nation in the world has been able to produce such bountiful yields with so little manual labor. Farm mechanization is the principal factor which enables one farmer to grow sufficient food for 14 city dwellers. The significance of farm mechanization is strikingly shown in the production of wheat, basic crop of western agriculture. A century ago 56 man-hours were required to grow one acre. Today, modern machines make it possible to produce an acre with little more than six man-hours of labor. Equally striking are the labor-saving advancements in the growing of many other farm crops.

The working tools which the farmer uses are as diverse as agriculture itself. On the following pages are shown representative types of equipment used to harvest and till our many crops. They include latest models of tractors, soil working implements, planting and seeding equipment, ingenious harvesting and processing machines, transportation vehicles, accessories to aid the small operators and power producing fuels.

These machines are the result of inspired inventive genius and endless research. They reflect the American creed of lightening labor and increasing efficiency through the use of better equipment. All are designed and sold to produce a profit for their owners — the nation's farmers.

# POWER AT THE FAIR

Strolling down machinery row at the Porterville Junior Livestock Show and Community Fair this month should prove to be an adventure into a farmer's "utopia." The display of farm equipment is bound to stimulate the imagination — here you will see all the new models of tractors with new designing, the well known former models — with dozens of improvements, equipment designed for giant operations — and small family-sized units, some for crops that are entirely new to this area.

Here, the mechanically minded youth — as well as his father, will find much in the new machines to encourage their farming ambitions. The convenience of these labor saving devices provides a convincing argument for the boy to re-

main on the farm, much to the satisfaction of his parents who remember only too well the drudgery of their farm youth. Mechanical power has taken the drudgery out of modern day farming, the former tough jobs are now routine chores requiring only direction and attention.

In the tractor division, some manufacturers have designed completely new machines. Some have increased their lines providing a selection in sizes to fit all farm needs. Power has been stepped up in nearly all lines in accordance with past trends.

Almost all now offer a choice in either gasoline or diesel types and most can be ordered for LP fuel. Conversion units for the latter type fuel are available for older ma-

chines.

Present tractor designing stresses greater convenience, longer life and safety. The continuous power take-off is becoming more common, at least as optional equipment. Hydraulic or improved mechanical controls are now almost universal. Hitching and attaching methods have been greatly simplified.

Although power steering is not yet in general use, attention is being given to improvements in this feature for tractors. Undoubtedly, power steering will be a develop-

ment of the near future. Some units are already in production.

A tendency for specialized equipment for orchard work, truck crops and spraying is evident in the new models. High clearance tractors for spraying and detasseling corn and defoliating cotton are among the new machines being offered.

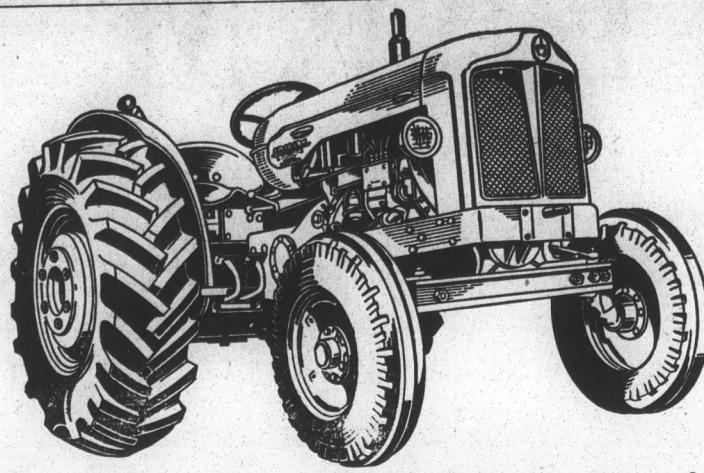
Indicative of recent emphasis on grassland farming are new machines that make production of grasses easier. New types of seeders will be on display that make stand establishment more certain.

These machines will sow the seed, pack, cover and roll it all in one operation. Another to be seen, will renovate established stands, plant row seed and fertilize it at the same time.

Improved power mowers are bound to create interest because of their silent, smooth running operation with higher speed potentials. Nearly all companies have redesigned or improved past models. Rakes too, will feature many new advantages in design and operation.

Much interest will center around the new one-man operated balers in both twine and wire types. Lower prices and simplified features will attract the smaller operator for whom the machines were mainly designed. The heavy-duty, larger capacity balers have also come in for their share of improvements.

All livestock producers will want to see the new green-crop forage harvesters and choppers. The trend towards green-chopped feed and silage in recent years has brought about advancements in the machines making them more adaptable to all sizes of operation. (Continued on Page 19)

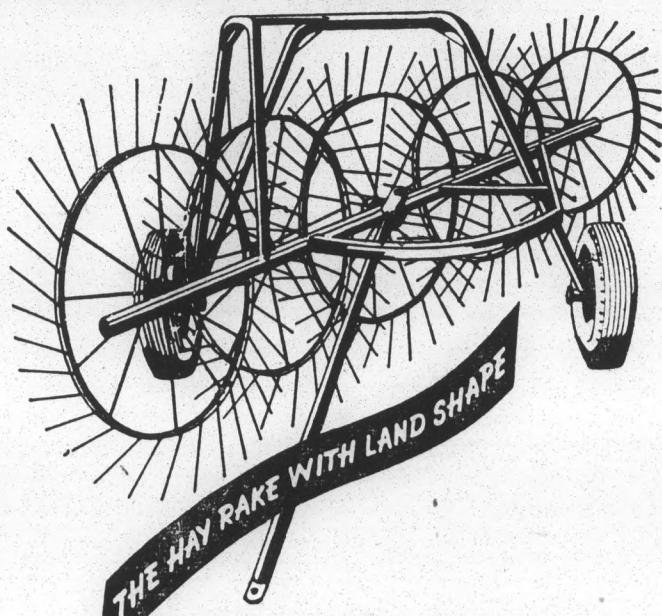


## AN UNBEATABLE COMBINATION

The Side-Delivery

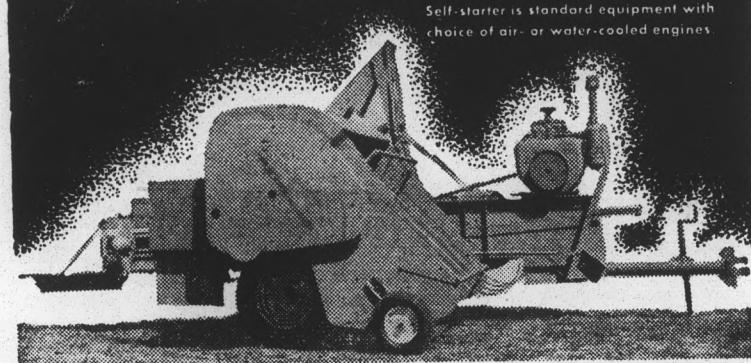
# DARF

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- ★ CLEAN RAKING ON ROUGH TERRAIN
- ★ MINIMUM MAINTENANCE COST
- ★ 50% LESS LEAF LOSS
- ★ CONTINUOUS WINDROWS ON TURNS
- ★ EFFICIENT RAKING AT ALL TRACTOR SPEEDS
- ★ EASILY TOWED ON ANY ROAD
- ★ ROLA-RAKE MEANS CLEAN HAY
- ★ CONSTANT CROP-CONTACT BY RAKING WHEELS

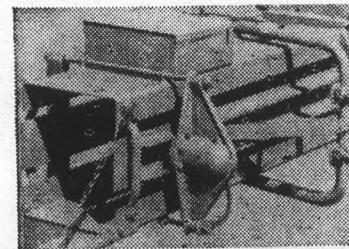
### THE FASTEST WIRE-TIE BALER OF THEM ALL...



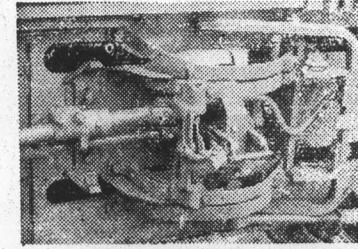
### NEW HOLLAND'S New One-Man Model 80

No other baler gives you as many features at the price of the outstanding Model 80—the completely automatic wire-tie Baler, Farm Engineered to perfection by New Holland, world's largest manufacturer of pick-up balers.

Ask yourself these questions: Which Baler bales more tons per hour? Which Baler holds bales under compression while tying? Which Baler ties without dropping loose wire clippings? Which Baler has hydraulic bale tension control at no extra cost? Which Baler has all cut gears, totally enclosed, running in oil? You'll find the answer to all your questions is New Holland.



Hydraulic tension control gives you uniform bales of any weight you want up to 100 lbs.



New Holland's twister that forms the strongest wire tie in the field with 14½ gauge wire—without dropping loose ends.

See the new Model 80 today on our floor. Ask about a demonstration—with no obligation to yourself, of course. This is the one you've been waiting for—New Holland's one-man wire-tie Baler with the same high capacity as New Holland twine-

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## TRACTOR FIELD DAY



DON WARNOCK, champion tractor driver in last year's FFA competition, receives his award from Bill Reece at the Porterville fair.

John R. Longley, chairman  
In the last half-dozen years, tractor driving contests for vocational agriculture students have taken the country by storm. Wherever they are held they're proving to be as popular as apple pie. If the trend continues, you may expect in the not too distant future to see the first of the national contests.

The purpose of the tractor contests is to emphasize safety and proficiency in the handling of me-

chanical equipment. In past years, agricultural schools concerned themselves for the main part to the sciences of textbooks and classroom studies and only recently has the need been recognized for mechanical instructions.

Working hand in hand with manufacturers' agents, agricultural instructors have in the last decade made tremendous progress in introducing mechanical courses to their school's curriculum. The na-

## Lucky America Lucky Youth

The science of technology has perhaps made its greatest strides in the field of agriculture. The mechanical improvements of the past decade have erased the word famine from the Americans' vocabulary and in its place appears the word "Abundance." LUCKY AMERICA.

But still, the greatest technological asset of all is — Inheritance.

Fortunate is the youth who can say "I am the son of a farmer," for, they have inherited that which science and research cannot provide — the love of the soil and the pride of ownership. LUCKY YOUTH.

SECURITY-FIRST  
NATIONAL BANK

and projects was, as in the case of livestock, an opportunity for youth to compete. Hence the tractor driving contests.

Below is the complete program of events for the second annual Porterville Future Farmers Tractor Field Day.

### SPOTTING, DRIVING, BACKING

Event Number 1  
Cyrille Faure, Judge

Tractor driver will drive his tractor to starting line. Time will start at judge's signal. Contestant will back up to manure spreader and place in position. No assistance permitted. Contestant will then proceed to drive through course, stop, and back spreader over the same route to point of beginning.

Time Minutes Seconds Total

No. Points Total  
Markers scraped .....  
Markers upset .....  
Killed engine .....  
TOTAL

Grated Gears .....  
Rough clutch .....  
Infraction of safety rules .....  
TOTAL

### PLANTING

Event Number 3

Segart Knutson, Judge

Time not a factor. Straightness of rows and ability to follow marker sole requirements. Contestant will begin course on judge's signal. Contestant will drive to flag at end of course, reverse field and follow marker to point of beginning.

Points Total

Off Course .....  
Straightness of marker line .....  
Killed engine .....  
Rough clutch .....  
Grated gears .....  
Infraction of safety rules .....  
TOTAL

**PLoughing**  
Event Number 2  
Guido Lombardi, Bud Kitchell  
Judges

No time factor involved. Straightness of furrow and constant depth are key factors. Contestant will drive his tractor to starting line and wait for judge's signal. Contestant will then drive to end of course, reverse plows and return. Each contestant must cut a new furrow and only one try permitted per student.

Points Total

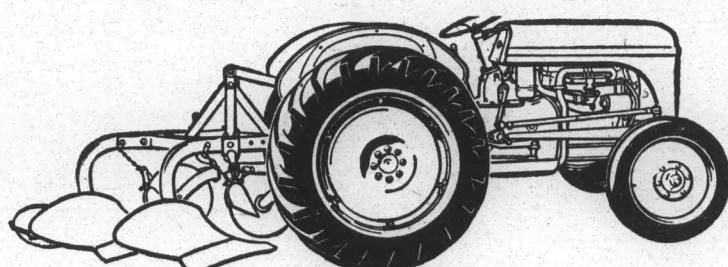
Straightness of furrow .....  
Plow too deep .....  
Killed engine .....  
Rough clutch .....  
Grated gears .....  
Infraction of safety rules .....  
TOTAL

Contestants will be advised of constant depth. Judges will take three readings of furrow beginning, central and end for over-all average.

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New  
**ENGLISH MODEL\***

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## COTTON DEFOLIANTS BEING IMPROVED

Improvement of cotton defoliants is the aim of experiments being supported by the California Cotton Seed Distributors, with more than 1,000 new chemicals

tested during the past year. Research being conducted by Dr. Frederick T. Addicott, associate professor of botany at UCLA, is primarily concerned with augmenting the natural process by which plants lose leaves.

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TRYING to get Congress off a new "fresh start" farm program designed to discourage over-production of food and fiber in the future. He's also pushing plans to dispose of much of the Government's hoard of farm products now valued at \$2.7 billion, and expected to jump to \$4.2 billion by mid-1955.

The key to his scheme: A new system of "flexible" price supports that could be raised or lowered to encourage output of scarce goods, dampen production of commodities when surpluses threatened. This would replace the present rigid, high props under prices of wheat, corn, cotton, tobacco, rice and peanuts.

Mr. Benson thinks doing away with the present rigid supports will eventually solve the storage problem. But some influential lawmakers from farming areas are not inclined to approve such a scheme, if it would mean lower price supports under crops grown in their home districts. As of now, the chances that Congress will approve Mr. Benson's plans are rated poor.

Meantime, Agriculture Department aides are wrestling with the more pressing problem of where to store the current farm glut until Congress decides what to do about it. Here are some of their plans:

The Agriculture Department has already decided to make wider use of moth-balled merchant ships. This year the Government stowed about 28 million bushels of grain in ships on the East Coast. But these floating warehouses, already taken into consideration in reckoning the storage outlook, have one disadvantage: The Maritime Commission insists the Agriculture Department be prepared to unload the wheat on short notice, in case of emergency.

For the Republican Administration, the problem is political as well as economic. The scramble for storage space is bound to ruffle rural tempers. Farmers unfortunate enough to miss out on price support aid will be especially miffed. This being an election year, Mr. Benson and his minions will be under especially heavy pressure to "do something" about the problem.

One way out for the Administration would be a hurry-up request to Congress for funds to finance Government building of storage bins. But this isn't likely; for one thing, it doesn't fit with President Eisenhower's drive to get the Government out of private businesses.

More important, however, is the fact that construction by the Government of a flock of new storage bins doesn't jibe with Mr. Benson's long-range farm aims. He's busy

(Continued on Page 17)

# STORAGE

## FOR HOMELESS GRAIN

(Reprinted from the February 4 issue of The Wall Street Journal.)

By Gene E. Miller  
Staff Reporter of  
The Wall Street Journal

WASHINGTON—Federal Farm Boss Benson and his aides are bracing for a new crisis. Their problem: Where to cache 280 million bushels of wheat, corn, rye, oats, barley and other grains, due to be harvested this summer, for which no storage space is available.

For the Federal farm folks the crisis is political as well as agricultural. Price support law requires that if farmers put their crops under supports they must find storage space, or if none is available, seek a waiver of this provision and bear any resulting loss from spoilage.

Agriculture Department officials have made a private study of the storage outlook this year, trying to match prospective supplies of grains with available storage space in warehouses, grain elevators, and even mothballed merchant ships. Here are the unhappy conclusions:

When added to present record surpluses, this year's grain crops, even if yields are only "average," will create the need for an extra 500 million bushels of storage space, atop the nation's 7.7 billion bushels of grain storage capacity available last year.

But new bin building, spurred by a variety of Government incentives, together with wider use of idle ships, will furnish no more than about 220 million bushels of new capacity, Agriculture experts figure. The U. S. would thus be shy some 280 million bushels of storage space for grain.

Of course, widespread crop failures, or a new war emergency could upset this prediction, and ease the storage squeeze. But unusually good crops, on the other hand, would aggravate the problem. And right now, the department

men's crystal gazers are betting privately that grain production this year will be very favorable" despite 1954 planting curbs. If they're right, Mr. Benson's storage woes may be even worse than presently reckoned.

The upshot is hard to predict in precise terms. But officials concede that failure to find shelter for a big chunk of this year's crops of wheat, corn and other grains can only result in heavy losses for some farmers. Here's why:

Under normal conditions, farmers must find suitable storage space for their crops to qualify for Government price support loans. If no space is available, the farmer must either pass up the Federal price guarantees, or persuade the Agriculture Department to waive storage requirements under an "emergency" provision of the farm law. If that's done — and officials figure it will be this year — then the farmer gets his price support loan, but bears whatever losses result from spoilage of grain stored out in the open.

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More important, however, is the fact that construction by the Government of a flock of new storage bins doesn't jibe with Mr. Benson's long-range farm aims. He's busy

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# An open letter to corn and grain growers

If you are raising barley, wheat, milo or ear corn, in reasonable quantities, we think you may be interested in storage for it. As you know all of above have a government support price.

However, it is our understanding that before the government will make any loan under the program, the grain must either be stored in a Bonded Warehouse or on the farm, in facilities which conform to their regulations.

**We don't believe there are any Bonded Warehouses in Kings or Tulare Counties. If one has the proper facilities for storing his grain, he will not be forced to sell at a price below the support loan.**

We are in position to furnish steel grain bins of any capacity. They can be bought up to \$3,000.00 worth, through government F. H. A. "title one" financing, with nothing down and from three to seven years to pay.

In quantities over \$3,000.00, they can be bought under another government department loan, with 20% down and 20% each year until paid out.

Also, storage of shelled ear corn is a problem. In picking it, if the moisture content is less than approximately 22%, it will shell off the cob and be lost. If stored at more than 14% moisture content, it will heat at once.

**These steel bins can be set up with a blower so that the corn may be picked at the best time for minimum shelling and be dried out in the bin at a cost of approximately 2c per 100 lbs.**

**In investing in grain bins, you accomplish several things.**

- 1. Eliminate haul to warehouse.**
- 2. Eliminate warehousing charges.**
- 3. Eliminate the gamble of the open market.**
- 4. Financing is not burdensome.**
- 5. Provide yourself with the best of storage facilities for many, many years.**
- 6. Grain bins can be depreciated in five years for tax purposes.**
- 7. Under the loan program, you are assured the loan price. If grain goes above the support price, you can sell and pay the loan off and keep the excess. If it stays below the support price until April 1 of the following year, it automatically becomes a sale to the government at the loan price.**

If interested, please call at our nearest store or advise and a salesman will call on you.

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# TREANOR EQUIPMENT CO.

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# CORN HARVESTING



For better or for worse, there is going to be a lot of corn grown in the San Joaquin valley this year. Farmers faced with cotton allotments are showing preference for King Corn for their diverted acres. In the fact of an already over-supply which is most certainly going to result in acreage allotments for the commercial acres of the mid-west for 1954, California farmers are nevertheless counting upon two factors that appear favorable

to the western growers of corn: The high freight rates (about 18 dollars per ton) and the adaptability of the crop in livestock operations.

As a cash crop, the freight differential is great enough to assure a demand for home grown corn providing adequate facilities for handling are available, which is the bugaboo at the moment. There is a reluctance upon the miller's part to invest too heavily in expensive

equipment on a temporary basis. Should the crop assume an aspect of permanence, capitol is ready to go all out.

As things stand now, the farmer who intends growing corn will probably profit most by marketing all or part through livestock. The grain is a superior feed for all types of stock including beef, hogs, dairy, turkeys and poultry. It blends well into a balanced ration with other grains or can be fed by itself in conjunction with supplements.

There are many ways to feed the crop. It can be fed on the cob, shelled and fed in whole kernels, ground, green from the fields, as silage or hogged off by either cattle or hogs. The choice of method depends upon the individual's program, but in all forms it's equally nutritious. An outstanding advantage over other cash crops especially in a livestock operation is the short growing period enabling the acreage to be double-cropped.

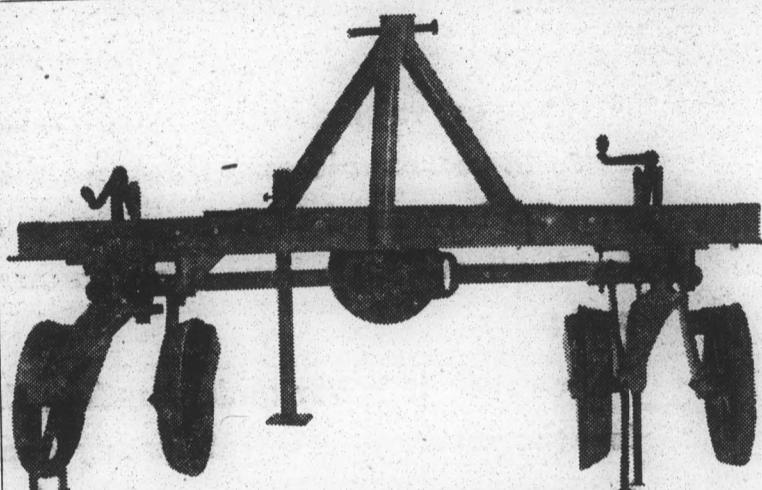
For the farmer who plans on giving corn a trial, about the only equipment he will need to purchase is a picker. The implements he already owns for cotton tillage are adaptable to corn. The machines now on hand at the dealers' stores are principally the same machines used by the midwest growers for many years, any of which are capable of satisfactory results. In recent years, research on modifying a combine for corn harvesting has undergone tests and several makes are now available.

The pickers are of two distinct types, mounted and pulled. In recent years, demand for the mounted machine exceeds that of the pull type. The greatest advantage of the former is that crops are not over-ridden, its disadvantage, if it be such, is the tying up of the tractor for other jobs. With the pull type, all that is necessary to release the tractor is to uncouple at the drawbar. Either machine however is capable of picking up downed corn, so in the advent that the pull type is used, and lands run over, the corn is not lost.

Choice of a mounted picker is governed by the type tractor owned, for the pickers are not interchangeable. For example, if you own a John Deere, the mounted picker must be of Deere manufacture, this holds true for all makes.



NEW — McCormick Farmall Super M-TA with torque amplifier, lets the operator boost pull-power and change tractor speed on the go. The tractor offers a choice of two speeds in each gear, giving 10 forward speeds and two reverse. A new, completely independent power take-off permits the driven machine to be started or stopped, standing still or on the move.



NEW — Improved version of row crop thinner that was invented by two Porterville ranchers, Reno Bovetti and Bert Berra, that is now being manufactured commercially by Western Engineering company of Porterville, under direction of C. A. Appleby.

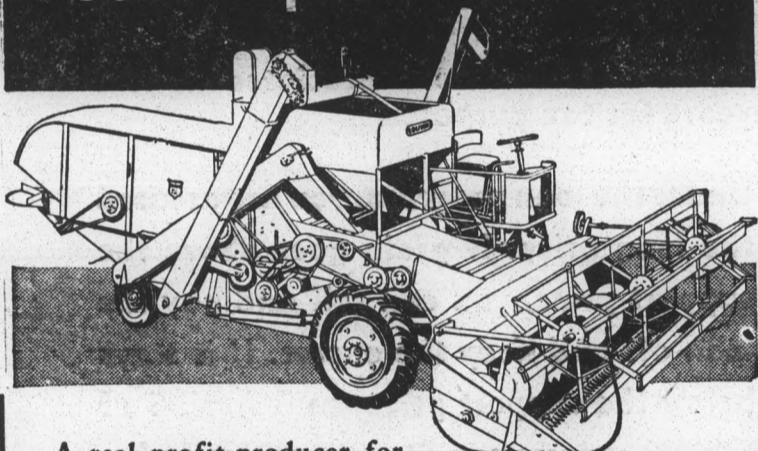
Generally speaking, the mounted pickers are adaptable to all tractor models of the same make. The pull type machines can be used with any type tractor of two-plow powering.

It is estimated that over 100,000 acres will be planted to corn this year in California, principally in the San Joaquin valley and most heavily in Tulare and Kern counties. For those intending to purchase pickers, orders should be placed far enough in advance to assure delivery by harvest-time. All of the implement dealers report receiving requests for information from prospective growers pertaining to the crops' culture and equipment necessary, and are prepared to assist the farmers in all phases of the crops' growth and harvesting.

The new Minneapolis-Moline two-row mounted husker retains the design first introduced in 1936. The snapping roll length is a full 53 1/2 inches and is adjustable to handle stalks off any thickness. The elevator that delivers the corn to the wagon is 12 inches in width with a cleaning fan mounted on the underside. The pull type is one row capacity.

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### New! OLIVER Model 33 Self-Propelled Combine



A real profit-producer for growers of grain, beans, seeds and custom operators is the Oliver Model 33 Self-Propelled 12 or 14-foot Combine.

Modern grain-saving and time-saving features include six forward speeds, hydraulic header lift, semi-revolving reel, flat-deck rotary straw walkers, and a large capacity grain tank that dumps on the "go."

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# POULTRY

INDUSTRY MECHANIZES

By BRUCE BURFORD  
Food Machinery Co.

Is it possible for one person to feed 10,000 or 50,000 chickens each day — and on a regular feeding time schedule? Ten years ago, the answer would have been definitely "NO," but not today! Because today one person can feed this huge flock every 15 minutes of the day and still have plenty of time for other chores.

By using a time clock the grower can control-feed his entire flock without going near the chicken house.

Feeding huge quantities of chickens was a grower's problem for years before the advent of the mechanical feeder. By using the new mechanical feeder, the grower makes certain that all birds receive the same quality of feed as well as the same quantity. There is no chance for birds nearest the trough to get the whole kernels or to "hog" the fresh supply.

New feed is distributed to the entire length of trough at the same instant. Because of the engineered features of the mechanical feeder, there is no danger of spilling over, or bottoming out of feed. The unit also has a free-rotating bar positioned above the trough which prevents roosting and subsequent droppings from entering the feed.

Poultry feeding has progressed rapidly since the days when chickens ran wild over the barnyard and Grandma scattered feed on the ground for them once or twice a day. Today's scientific advancements make it a run-of-the-mill operation to feed 50,000 birds of varying sizes and to fatten each

size to the desired weight.

Poultry raising today is like scientific farming — the days of the hit or miss shotgun operation are gone forever.

Mechanization in the poultry and egg industry does not stop at the feed trough, however. Eggs are mechanically sized and cleaned before leaving the ranch. They are sorted, graded, counted, and treated by fully automatic methods at the packing house.

The FMC or Sneed Egg Handling Equipment that is available to egg packers takes the eggs from the time they arrive at the plant and automatically separate them into five sizes, extra large, large, medium, small and pea-wee. Electric counters keep an accurate check on each producer's lot and provide records for future use.

Poultry and egg business is big business and the science of mechanization is keeping pace with this rapidly growing industry.

Producers wishing additional information about any of the egg handling equipment or the mechanical feeder should contact the nearest Food Machinery and Chemical Corporation Sales Office for illustrated brochures or an actual demonstration.



## COTTON TOPS TULARE COUNTY FIELD CROPS

Cotton again topped Tulare county field crops in 1953, with 246,000 acres valued at \$46,093,140. The county produced 282,780 bales.

Total field crop acreage ran 425,371 acres, with a value of \$66,717,147. Other field crops grown on a commercial basis included: Sugar beets, castor beans, certified alfalfa seed, blackeye peas, clover, alfalfa hay, milo, oats, wheat, barley and yellow corn.

## COUNTY POULTRY HAS HIGH VALUE

Poultry in Tulare county was valued at \$7,956,467 during 1953, with the following breakdown reported by Oscar L. Hemphill, agricultural commissioner:

Fryers, 2,448,967 pounds, valued at \$685,710; 292,956 hens valued at \$233,764; 736,200 baby chicks, valued at \$176,688 and 6,715,173 dozen eggs, valued at \$3,626,193.

Raised in the county were 3,706,800 pounds of tom turkeys, at a value of \$1,112,040; 2,508,750 turkey hens, valued at \$978,413; 320,126 pounds of turkey fryers, valued at \$140,855; 852,579 turkey pouls, valued at \$639,434.

Produced were 1,253,000 turkey eggs, valued at \$363,370.

The dates! May 20, 21 and 22. The annual Porterville Junior Livestock Show and Fair, city fair grounds and ball park.

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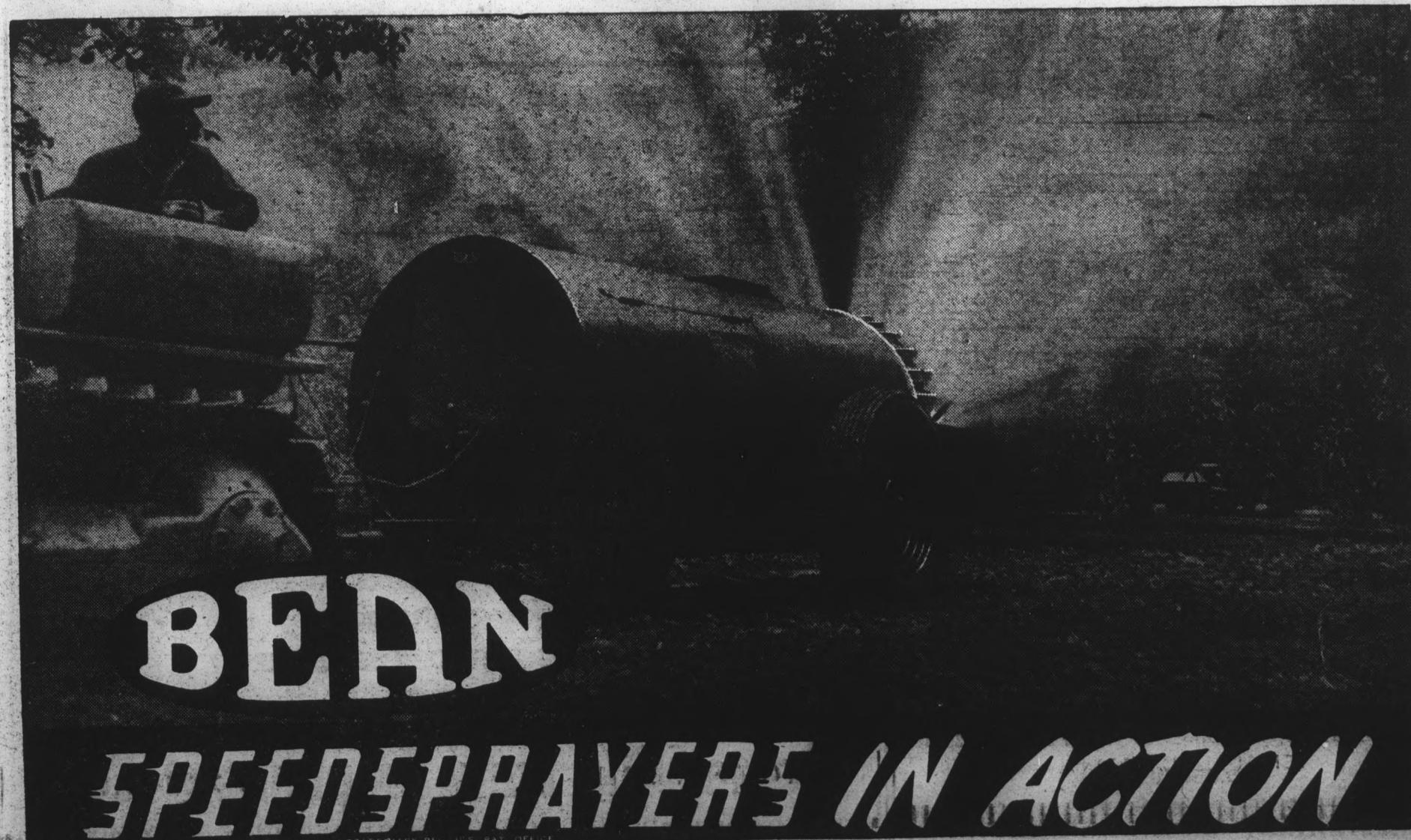
- FIRE PREVENTION

- TREE SPRAYING

FOOD MACHINERY & CHEMICAL CORP.

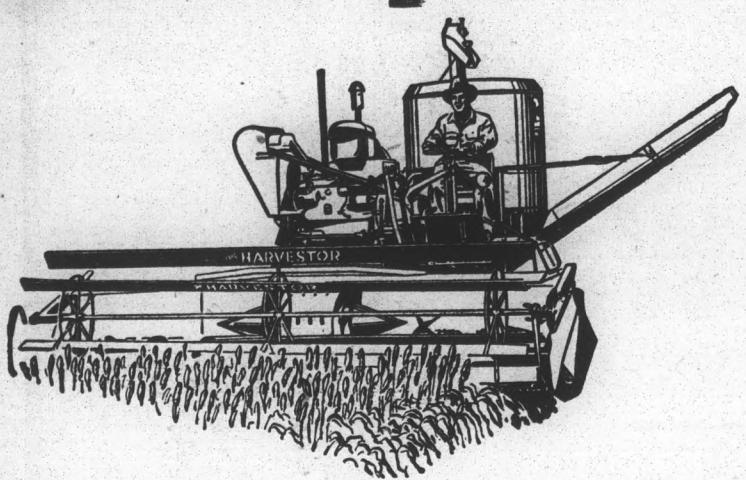
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# GRAIN

## HARVESTING MACHINERY



Last year American farmers harvested more than 145 million acres of threshable crops — mostly with combines. These crops included not only cereal and feed grains, but a great variety of miscellaneous crops such as soybeans, flaxseed, edible beans, peas, grasses and legumes for seed and even vegetable seed crops.

Modern combines, especially those developed for diversified farms, are extremely versatile in

their ability to harvest many different crops. This has resulted in new sources for farm income for many growers who are now in a position to grow and harvest profitably special high-priced seed crops in addition to the grain crops which they normally grow. In predominantly grain-growing areas the combine has long been recognized as the key machine for low cost grain production.

Practically all of the implement

manufacturers today are offering the one-man, self-propelled, compact harvesters. These new combines bring you all the advantages inherent in a self-propelled machine, ability to open fields without running over standing grain or unthreshed windrows and greater flexibility and handling in the fields. Savings in harvesting costs are realized because of the simplicity of design and one-man operation.

Behind these new machines is the experience gained in the past century with every phase of grain harvesting development. The new combines are adaptable to every need. They range in size from five foot machines, popular on diversified farms, to the 12 and 14 foot combines designed for large acreages. All may be equipped with pick-up attachments for combining windrowed crops.

Other grain harvesting equipment includes windrowers in 8 to 15 foot sizes, tractor powered grain binders, stationary threshers for grain, alfalfa, clover and rice.

Much research has gone into the new machines to make them easy to handle and safer to operate. From a comfortable cushioned seat away from the dust and dirt, up where you have full view of the work being done, you can see the changing field and crop conditions. From the operator's position it is easy to watch the cutter bar and platform auger, inspect the power plant, check the grain level in the bins or observe the power unloader. Generally you can reach all hydraulic controls from your position on the seat.

This year the manufacturers have incorporated many improvements in the current models. International Harvester's Model 127 has variable speed propulsion drive and variable speed cylinder drive. This model has a capacity of 55 bushels with power unloader and may be had in 10, 12 or 14 foot hydraulically controlled cutting platform. Equipment for harvest-

ing special crops can be attached. Oliver's Model 33 is powered with a 48 horsepower 6 cylinder engine with double clutch power take-off. There are three separate clutches for controlling the threshing unit and forward motion, each independent of the other. The PTO mechanism operates as an integral part of the power plant and is submerged in an oil bath. Sizes are available in 10 to 14 feet.

John Deere's new No. 55 offers selective ground speed control that permits traveling up to nine miles per hour or at a snail's pace. The device is controlled from the operator's position by means of a hydraulic level action control. The 45 bushel auger unloading tank can be emptied in one and one-half minutes according to the manufacturer.

The Gleaner-Baldwin 14 foot self-propelled units incorporates the features of the pull type combines including a two fan separator and direct feed into the cylinder. It mounts a Ford industrial type six cylinder engine with service deck on top of the separator for accessibility. Attachments are available to make the combine a four-row corn harvester.

Allis-Chalmers Model 100 is an all-crop type harvester, self-propelled, it is regularly equipped with a nine foot header. A three foot extension readily attached increases the width to 12 feet. For crops with excessive weeds, a cleaner can be attached which cleans and polishes grain and removes dry and green weed seeds. The dockage is bagged and can be used for livestock feed.

The new Case 120 comes equipped with power steering. A simplified concave setting adjusts both front and rear of concave with single lever, a clearance indicator makes it easy to change setting as crop varies. The header is quickly detached for transporting and comes in sizes of 10, 12 or 15 foot cut. For vinyl or lodged crops a receding auger finger is available. Attachments for hillside harvesting are also available.

The Minneapolis-Moline Model S self-propelled harvester can be equipped with either 3, or 4 bar pickup attachments to suit all crops and conditions. Available in 12, 13 or 14 foot header widths it is a combine of large capacity with variable ground speeds from 10 to maximum mph in any gear.

without changing speeds. Cutting height is hydraulically regulated from 2 to 41 inches.

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Say You Read It In  
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# DAIRYMAN

By Maurice J. Hogan  
Farm Advisor

The net income of any farmer is determined by two factors — the price he receives for his product, and the cost of production.

During the past few years the dairyman has streamlined his operation by the adoption of new methods of management and feeding, and by the introduction of labor-saving equipment.

Most of us can well remember, and it was not too many years ago, that 30 cows was about the limit a man could milk in one day. But with the introduction of the milking machine the dairyman has been able to increase the number of cows milked per day many-fold and has reduced his labor costs from 40 to 50 per cent. He realizes the value of practicing systematic and managed milking. For in order to get efficient milking it is desirable to have fast milking. This does not mean that fast milking should be done at the expense of good milking. Experts claim that the time allotted to milk one cow should be about 2½ to 3 minutes and an additional 30 second for machine stripping. Studies conducted by Dr. W. E. Petersen, of Minnesota, have proved that fast and systematic milking will actually result in more milk and less udder troubles.

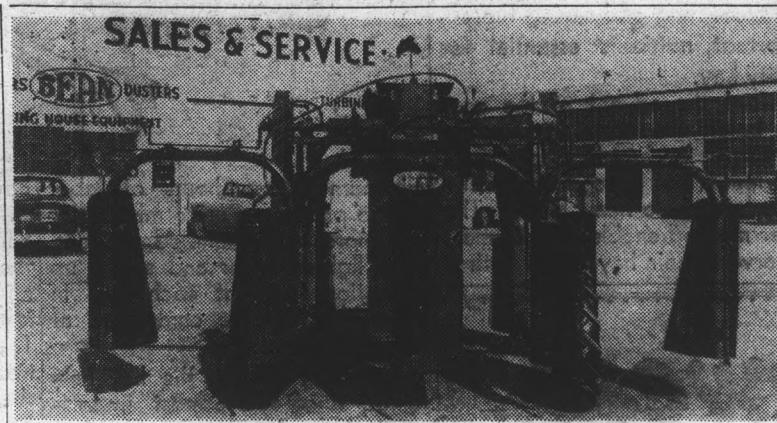
Then again, the old-timers can well remember the amount of strenuous labor involved in carrying the milk in 10-gallon cans to the nearby irrigation ditch so that it would not sour before it reached the creamery. With the introduction of the milk pipeline and the cold-walled tank, not only a greater reduction in cost has been realized but a cleaner, more wholesome product is the result.

Feed, which constitutes 60 to 65 per cent of the total cost has also come under the scrutiny of the dairyman for he is quickly realizing the advantages in having his milk herd consume greater quantities of palatable roughage and thereby reduce those more expensive feeds — the concentrates. One method that many dairymen in California have adopted in order to furnish a more palatable and nutritious hay, is by the use of the mechanical hay drier. The installation of a hay drier is quite simple and can be installed in a barn at a cost that should interest most dairymen. It has been shown that hay dried with the mechanical hay drier will have a higher carotene content and will contain a greater percentage of leaves, therefore more nutritious and palatable.

Years ago the dairymen did not realize the importance of feeding succulent feeds throughout the entire year, for dairying of yesterday was more or less a seasonal operation. When grass was lush in the springtime the cows produced abundantly, but during the winter season, in times of feed scarcity, the cows were dry. Ensilage feeding during the winter months has greatly added to the production of the cow and now her production is maintained more uniformly through all seasons of the year. Several county farmers have utilized grass, alfalfa, corn and sorghum that may have been wasted and have preserved this in the form of silage to be fed during those periods when there is a scarcity of feed. Ensilage is a succulent feed and it is a great milk stimulant.

Our fathers and grandfathers can, no doubt, remember when milk cows were turned out on a piece of ground that was called a pasture and an animal had to travel a considerable distance in order to eat enough to maintain

MECHANIZE



NEW — High clearance mounted spray rig for defoliating cotton. Manufactured by Food Machinery Company.

her body and to produce a small amount of milk. Today, because of the mechanical feeding wagon and the hay chopper, the picture has drastically changed on many large dairy operations in the San Joaquin Valley. This corral type of feeding — where the roughage (green alfalfa) is hauled to the cattle — has apparently several definite advantages. Dairymen were quick to realize these advantages, and the greater percentage of the large operators are now corral

feeding their cattle with green chopped alfalfa. Studies have indicated that greater yield may be obtained from a stand of alfalfa by green feeding, that the carrying capacity is higher than on pasture, and last, that because of the large intake of palatable, succulent roughage the concentrates that are fed in the barn can be reduced without lowering production.

The one factor that seems to stand out as the greatest reason

for reducing the costs and increasing the production of their dairies, is the systematic testing of the cows for production. Through the cow testing program, the dairyman has been able to obtain a clear picture of his operation. This program has indicated to him those animals that have not the inherent ability to produce and he has culled his herd accordingly. It has also furnished him with a measuring device by which he may feed his animals according to their producing ability. Because of the

(Continued on Page 12)

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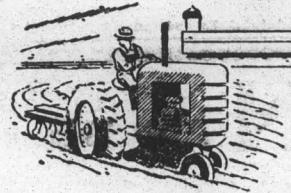
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# BALING

## ONE-MAN OPERATION

Hay is one of the most important crops grown in the United States. Second only to corn in acreage and tonnage, it outranks all others in the amount of manpower required for harvesting. It involves the handling of more than 100 million tons annually so it is quite apparent why any new developments that cut cost and labor

required in handling such vast tonnages are of major significance.

Hundreds of farmers have solved the problem by harvesting their own hay crops. Using one of the new type one-man operated pick-up balers they have affected labor savings in addition to having the machine available to harvest the crop at just the right stage of cur-

ing, protecting and saving the all-important nutrients essential for quality hay.

Before the advent of the one-man baler, the common practice was to put up hay in stacks or in barn mows, but procedures involving considerable hand labor. The newer method enables the farmers to harvest their hay crops with a

minimum of man-hours of labor and to produce a uniformly better and more easily handled product. They lighten labor and speed up operations so that each step in haymaking can be completed at the right stage.

Speed in getting the hay harvested is of the utmost importance. When the hay is cured just right, the sooner you move it out of the sun the better. More protein and carotene will remain in the leaves if not permitted to be bleached by the sun's hot rays so the faster you get it into the bale, the better the feed.

Most of the new balers being developed today are for one man operation and are both twine and wire-tie type. Recent improvements in the machines are helping to bring them within reach of the farmers even with relatively small hay crop acreage.

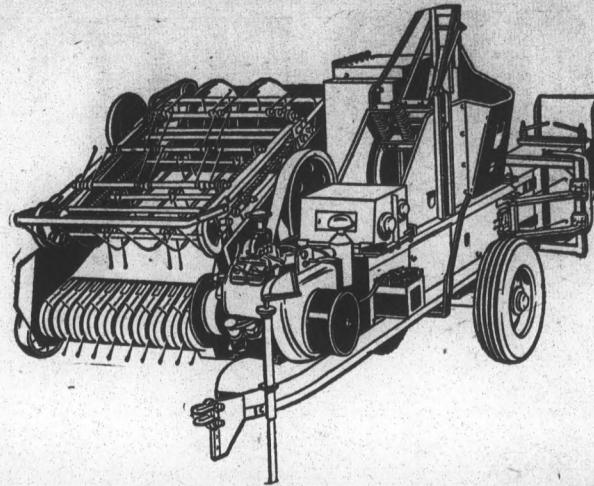
For those farmers with large

hay acreage, the big machines with capacities up to 12 tons per hour are the more efficient. For the small farmer, anyone of the mighty-midgets will do an expert job, with little cash investment. The bales, whether twine or wire tied stack well and are of uniform size averaging around 85 pounds. Nearly all makes slice the hay for easy feeding.

Here are the latest machines being offered this season:

New Hollands heavy duty models Nos. 77 and 80 are large capacity wire tying balers. Driven by auxiliary engines they kick out a top of 12 tons of 100 pound bales per hour. The wire reels supply enough ties for about 35 acres of hay before refilling. The new model 66 is a speedy PTO baler with a high capacity and a new low price.

The new John Deere machine (Continued on Page 18)



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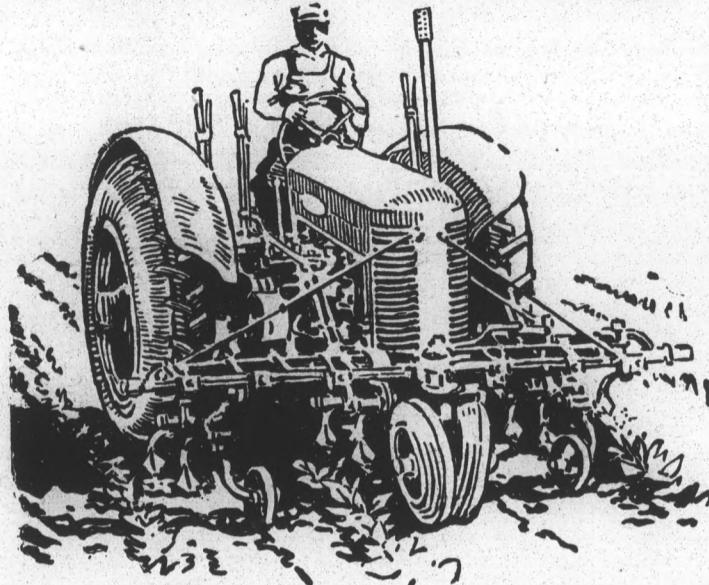


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# TRUCKS



Truck transportation has reached maturity as the workhorse of agriculture. Farmers have converted to motive power in recent years at such a pace that they now own and operate more than 2,500,000 trucks of all sizes. One out of every three of the nation's nearly nine million trucks is used in agriculture.

To the farm, they haul nearly everything. From it, they carry the products of the soil. Some 98% of all agricultural products are transported from farms directly to markets by truck. 11% of farm products is moved by truck to dock for further shipment.

In 1916, virtually all livestock came to principal markets by rail.

## BECOME WORKHORSES

At these same markets today, better than 57% of the cattle, 62% of the hogs and 35% of the lambs come by truck. It is estimated that 98% of all poultry is moved to ten major markets by truck.

To meet the growing agricultural demand for trucks, manufacturers have built units to handle just about every farm hauling task — and each year they improve them.

Here are highlights of the popular 1954 trucks offered to farmers by major companies. Chevrolet trucks for 1954 are driven by three new 6-cylinder engines developing 112 and 135 h.p. Automatic transmissions are optional up through the 1-ton range and 3 speed transmissions are available on light and medium duty models. Body height of the pick-ups have been lowered and box depth increased from 14½ to 17½ inches.

The General Motors light models have been boosted to 125 h.p.

with a 115 h.p. economy model being offered. A new silent muffler designed to eliminate objectionable noises is optional on all new GMC trucks. Box capacity has been increased to hold 10 extra feet of cargo. Five new heavy-duty models have been added to the GMC line. Automatic transmission has been extended to include most new models.

The popular R-line International Harvester trucks now come in 170 basic truck chassis. Pickup trucks have bodies ranging in sizes of 6½, 8 and 9 feet. All of the light models are powered with a 100 h.p. 6-cylinder valve-in-head engines. IH, intermediate class trucks come in five wheelbases, with gross ratings of 14,000 or 16,500 pounds. Combination stock rack and grain bodies are available.

Studebaker models are available with all-purpose stake, panel or caravan-top bodies in addition to the familiar pick-up style. Variable ratio steering is standard. The light models — ½ and ¾ ton jobs ride on a 112 inch wheelbase and range from 4,600 to 6,100 pounds gross vehicle weight. Medium sizes come in 8 to 18 foot lengths with weights up to 14,000 pounds. Largest of the company's trucks is a 29,000 pound 2 ton model with a 195 inch wheelbase.

## LIVESTOCK MULTI-MILLION DOLLAR INDUSTRY

Tulare county livestock was valued at \$42,437,385 during 1953, according to the agricultural commissioner.

Beef cattle topped the list at \$38,686,800; hogs ran \$2,374,800; sheep and lambs, \$187,816 and registered breeding stock, \$1,187,969.

County livestock was valued at \$17,373,841 back in 1948; jumped to high of \$48,777,263 in 1951, dropped slightly in 1952 and levelled out at the present figure last year.

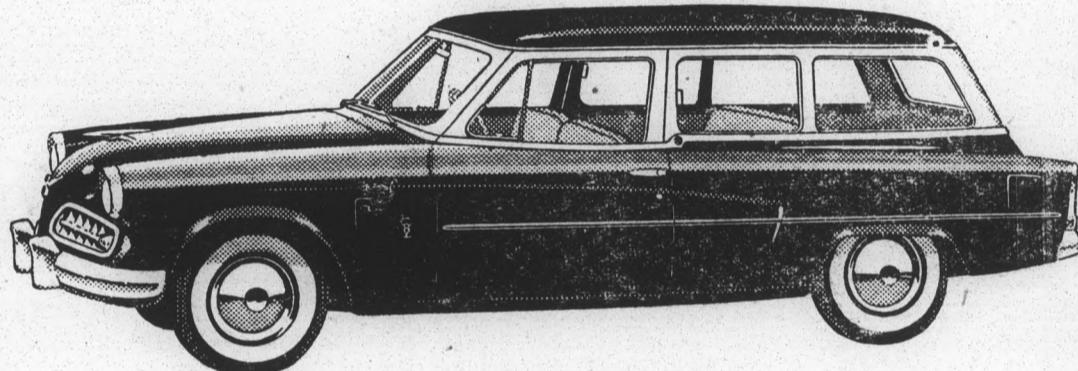
## APICULTURE

Bee men in Tulare county produced 415 tons of honey, valued at \$99,700 in 1953, and seven tons of beeswax, valued at \$6,160.

Let's go to the Porterville Fair, May 20, 21 and 22.

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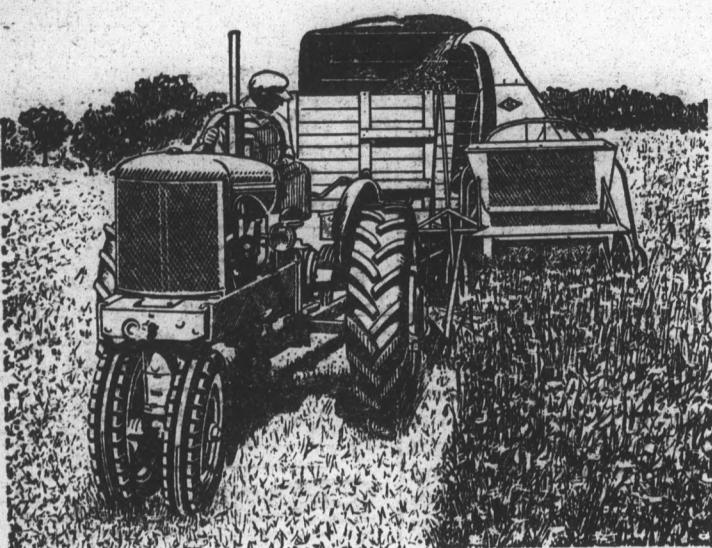
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# GREEN

## CHOPPING PAYS



A lot of bridges have gone over the water since the first green-chopper made its appearance in the grasslands. The time has now passed for arguments for or against their feasibility and usefulness. Too many tests under normal conditions on farms throughout the nation have proven beyond a shadow of doubt that the choppers have earned the right to a permanent place in all livestock operations.

Today in Tulare county you will find machines being used in every phase of livestock production. Cattle ranches both large and small have centered their pro-

grams around the diversified machines. Producers report increased profits, healthier stock, larger calf crops and greater yields have resulted from their use.

Dairymen, concerned about their loss in income due to lower supports are showing increased interest in forage machines. Perhaps no other phase of livestock farming can evidence the effects of fresh green feed as readily and accurately as can the milk producers. Producers everywhere are turning to the choppers for assistance in upping production and lowering operating costs.

For those planning to diversify using corn, alfalfa and livestock to replace acreage taken out of cotton production, they will find the machines readily adaptable. By harvesting corn green it is possible to secure an additional planting without sacrificing its nutritive value. The combination of corn and alfalfa makes a superior silage for either winter or all-year around feeding.

The possibility for alfalfa growers to market the crop green-chopped to cattle feeders is receiving a lot of attention. Alfalfa farmers could undoubtedly realize greater profits from the crop by contracting with feed yards to deliver it green. There is little doubt that increased livestock operations in all phases are in store for our area in the immediate future.

Manufacturers are stepping up production in expectation of greater demand for the machines this year. All have made improvements, some have redesigned and are offering completely new models. Listed here are machines that are now available at local dealers.

New Holland has models in both self-powered and PTO classes. Both models are of the same construction and modern design with equivalent capacity features. Interchangeable heads for harvesting corn or green feed are available in both models: Model 610 (PTO)

NEW — Revolutionary mechanical feed trough for poultry. Both pelleted and mash feeds flow through with ease. Design of trough and rollers makes it impossible for birds to waste feed. Manufactured by Oakes Manufacturing Company, distributed by Food Machinery.

## CULTIVATION TOO SOON AFTER IRRIGATION CAN CUT WATER PENETRATION ONE THIRD

A tractor moving over a soil only once shortly after irrigation can reduce the water infiltration by a third, according to University of California irrigation technologists.

Lloyd D. Doneen, professor of irrigation on the Davis campus, in studying moisture penetration on soils at various lengths of time after irrigation, found that sandy soils are damaged by tractors even when dry.

One pass of a tractor a few days after irrigation can cut down water penetration from one and one-half inch per minute to half an inch, he said.

Once a soil is compacted, said Mr. Doneen, it is difficult to correct the condition. The best method is to wait until the soil is very dry and chisel or subsoil the compacted area.

requires tractors with horsepower ratings of 36 and up.

The new Model 66 Allis-Chalmers is a 6 foot all-purpose harvester. Attachments for harvesting all standing grasses and windrowed crops can easily be installed.

The Allis-Chalmers forage harvester cuts a 52 inch swath and will chop up to 20 tons per hour. The platform raises and lowers to permit cutting from 1 to 14 inches in height by means of a hand crank operated from the tractor seat. The closed reel operates in short or tall stands and is adjustable by means of a trip rope. Attachments for handling windrowed crops and single row crops are easily installed.

The new Case forage machine has a wide range in cutting lengths. The cutter bar unit can be set to chop standing hay at  $1/2$ ,  $3/4$ , 1,  $1\frac{1}{2}$ , 2 and 3 inch lengths. Standard equipment includes PTO drive for use with full two plow tractors. A V-type engine can be installed for use with small tractors. Special equipment makes the harvester adaptable to other crops.

The John Deere all purpose harvester can be equipped with

hydraulic control to raise, lower and adjust the pick-up unit and can be attached to the hydraulic system of any tractor using a remote system. This device makes it easy to clear ditches, banks and other obstructions. Units for harvesting corn and other row crops can be attached simply.

The Lundell chopper employs a series of swinging knives in place of the conventional cutter bar. The machine will chop green or dry hay without changing heads. The new models are equipped with either PTO power or auxiliary engine drives. The cutting unit is adjustable to varying lengths and works in tall or short stands. The machine is of rugged construction and has relatively few moving parts.

## Dairymen Mechanize

(Continued from Page 9) testing program, the introduction of labor-saving equipment, and the adoption of new feeding and management practices, the dairymen of California are credited with having the highest producing cows in the nation.

**"I couldn't believe my eyes"**



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# LIVESTOCK

By Bob Miller, Farm Advisor

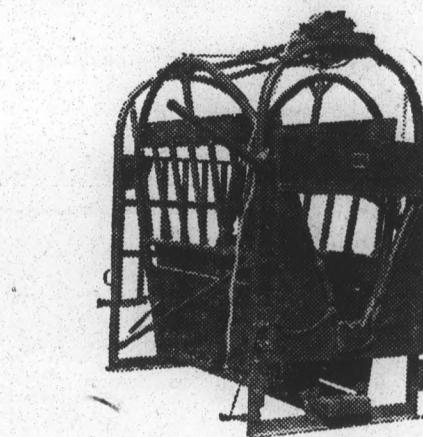
Just as sons take over from their fathers and new generations replace the old, so it is that new machines and methods are constantly being devised to better do the job at hand. The livestock business is no exception to this rule. Recent advances made in livestock and feed handling equipment and methods have been great. It is hard to say whether these advances have made the job and life of the average cattleman easier or more complex. However, the cattleman of today cannot deny that he is progressive.

Probably not much more horsepower is involved on the average farm today than it was 40 years ago. However, the modern fuel is gasoline and oil instead of feed and water and the modern horse has the ability of being able to run 25 hours a day without kicking.

Many other recent improvements have taken place in our present day cattle business. Squeeze chutes have replaced the old "stretch-em-out" method; cattle are moved with electric hot-prods instead of the nearest stick; jeeps can haul salt, taking the place of pack horses; cattle can be hauled in an hour by truck over distances which would take two days if the cattle were driven.

Some of our recent efforts at progress seem to be moving in reverse. For instance, this is illustrated by the cattlemen of only five years ago who would have thought he was doing a good job taking his cattle to the pasture. However, today with our green chopped alfalfa operations this is no longer true and we are hauling the pasture to the cattle.

Modern day progress has come about as a result of the desire to take better care of livestock and to do the job with the most efficiency. This means producing the

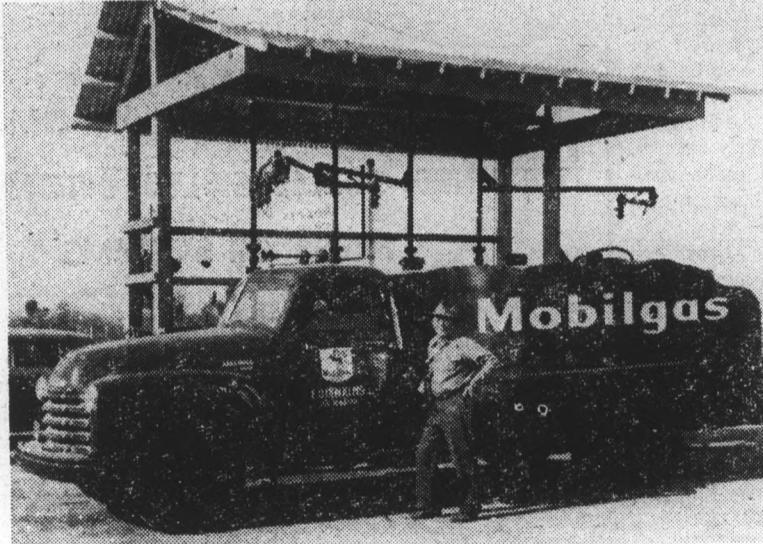


most pounds of beef per acre at the least possible cost. New machinery to feed and harvest live-

stock feeds as well as other live- stock handling devices have played prominent parts in lowering opera-



MECHANIZATION of the cattle industry, plus good feeding plus improved breeding are some of the factors that make southeastern Tulare county one of the nation's greatest beef cattle areas. Shown above is the champion steer of the 1953 Porterville Junior Livestock Show and fair. With it are Mr. and Mrs. Wilbur Dennis, of Ducor, from whose ranch the steer originally came. Other animals of this type will be shown at the 1954 fair in May by Future Farmer and 4-H club exhibitors, who consistently make the fat beef class at the Porterville show comparable to any junior division shown on the Pacific coast. Practically all of the animals shown come from breeders in the southeastern Tulare county area.



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## MECHANICAL AIDS

ting costs.

By adopting new ideas and methods, lower costs are often possible through a saving in labor. The cost of labor on today's ranch operations is a much greater expense than it has been in past years. Ranching used to be a family affair with all members of the family helping with the jobs to be done. Under today's way of modern living, ranch families are smaller and are often busy with activities other than those taking place on the ranch.

New machines and ways of doing the job must stand the test of time. Many of the innovations

that are modern today will be improved. Other ideas will be discarded completely as conditions warrant. However, there are some tools that a cowman uses that will survive as long as there are cattle. They are a good horse, a strong rope and a sharp knife.

## THANKS

We would like to thank the following concerns for their assistance in furnishing data and technical information for the articles appearing in this edition: Marks Tractor, Billingsley & Elliott, Wall's Livestock Supply, Tulare county farm advisor's office, Farmers Tractor, Porterville Tractor, Porterville Implement, E.L. Machinery, Weisenberger's Farm Supply.



PORTERVILLE, MAY 20, 21, 22

## RENT

## Ford Tractors and Equipment

DAY — WEEK — MONTH — Rent Applies on Purchase

### BILLINGSLEY & ELLIOTT Tractor Sales

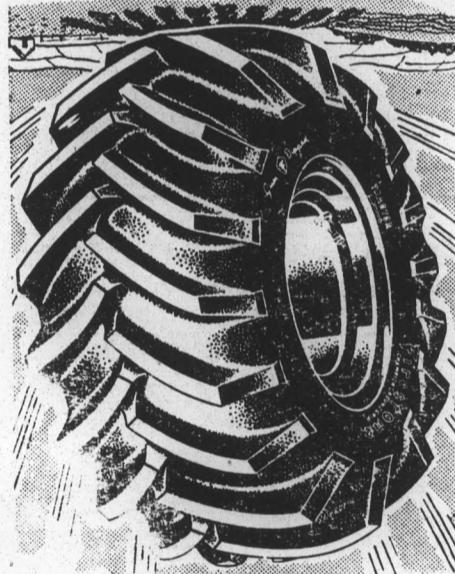
1432 N. Main

Porterville

Phone 1338

## Today's

## Greatest Farm Tire



THE NEW ADVANCED FIRESTONE

CURVED BAR OPEN CENTER TIRE

► This is the tire that over one million farmers have bought.

"SEE THEM AT"

## FIRESTONE STORES

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## VALLEY BODY CO.

335 E. Morton

Phone 186

# SPRINKLER

## IRRIGATION

By Gardner Wheeler  
Porterville Pump

Through the years, the farming business has been greatly improved by the constant advancement of farming methods. All mechanical equipment has been improved each year, new equipment has been developed, with the result of lower labor expense. New insecticides, herbicides and fungicides have been tested and proven, resulting in advanced pest control. New fertilizers with ideal balanced ratios together with new and stronger seed strains have been proven for increased production yields. The modern developments along these lines are wonderful. We can be justly proud of our achievements in the past half century.

But without proper moisture all of our preliminary preparation is in vain.

In most of the irrigated agricultural areas too little attention has been given to scientific application of water, which basically is one of the major requirements of scientific farming.

Sprinkler irrigation is the nearest approach to scientific irrigation. In fact, it is more scientific than natural rainfall, for the amount of water required can be pre-determined in the same absolute amount at which it will be absorbed by the different types of soils with no run-off or erosion.

With water becoming one of the most critical of our natural resources, it is impossible to estimate the acre feet of water wasted annually. In our flood and furrow method of irrigation, over percolation and excessive run-off are particularly wasteful.

During the past eight years, especially in California, many important factors regarding Sprinkler Irrigation have been proven.

Practically all crops have been

successfully irrigated with improved results because of: high efficiency utilization of water in correct amounts with no waste by run-off or over percolation; fertilizer being carried to the exact root zone; higher percentage of seed germination with all seeds germinating at the same time; beneficial control of alkali and other harmful salts which arise from the subsurface; no land being wasted by ditches or borders.

No two irrigation systems are identical due to the conditions that exist on various acreages. In designing a system the following varying conditions must be considered: amount and location of available water; peak transpiration rate per day; type of soil and its water holding capacity; infiltration rate; crop to be irrigated; water requirements of the crop; contour of the land; wind conditions and total acreage.

Now, when all of these conditions are considered, it is quite clear why this type of irrigation is classified as scientific. In this type of operation more is being accomplished than merely dumping water on land.

Yet too many times, in a great many agricultural areas, Sprinkler Irrigation equipment is bought and sold with the foremost concern centering on "a cheap price" and "making a sale."

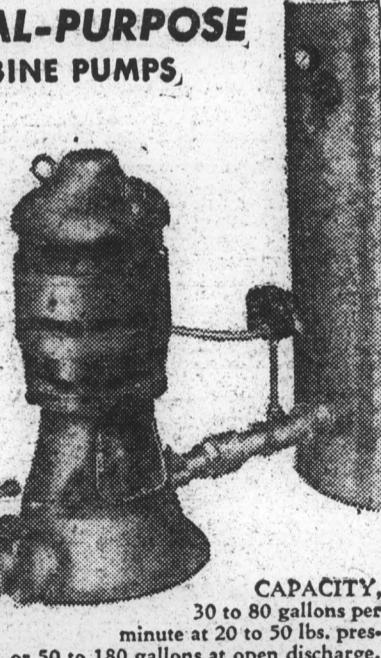
The National Sprinkler Irrigation association in cooperation with the American Society of Agricultural engineers have established a set of standards for design and engineering. All firms in the sprinkler irrigation business should adhere strictly to this "Standard of Design."

Anyone considering the purchase of equipment will make a much more sound capital investment if the equipment, supplier, and dealer, are thoroughly investi-

IRRIGATE ALL DAY WITHOUT INTERRUPTING YOUR HOME WATER SUPPLY—FROM ONE PUMP!

### BERKELEY DUAL-PURPOSE DEEP WELL TURBINE PUMPS,

\*DUAL PURPOSE: A combined high-pressure water system and large-volume irrigation pump. Has two outlets which can be used alone or simultaneously. Literally two pumps in one—at the price of one pump.



CAPACITY,  
30 to 80 gallons per  
minute at 20 to 50 lbs. pres-  
sure, or 50 to 180 gallons at open discharge.  
WATER LEVELS, 30 to 200 feet.  
MOTORS, 1½ to 7½ H.P., 1750 R.P.M.,  
single or 3-phase.

• DELIVERS 50% TO 75% MORE WATER FOR IRRIGATION THAN CONVENTIONAL TURBINE WATER SYSTEMS OF EQUAL POWER.  
• LONG-LIVED, WEAR-RESISTANT RUBBER BEARINGS.  
• WATER LUBRICATED — NO OILY-TASTING WATER.  
• DURABLE CONSTRUCTION, ATTRACTIVELY PRICED.

Many small farms can use only one deep well pump for both irrigation and domestic pressure water. The ordinary deep well turbine has not enough pressure, and a jet pump will not deliver sufficient volume. The Berkeley Dual-Purpose Pump solves this problem perfectly—high capacity for flood irrigation, high pressure for sprinkler and house—with both services at top efficiency. LET US SHOW YOU!

## JONES HARDWARE

Porterville, California

by the use of additional weight.

Tractor tires with insufficient wheel weights or excessive inflation pressure will wear the tread bars rough, or will snag and cut the bars when subjected to severe service on abrasive surfaces. Sudden engagement of the clutch in starting also causes this type of tread wear. Tread bars are cut and worn on the leading or forward edge.

Addition of wheel weights, adjustment of air pressure to recommendations, decreasing of draft load, and proper operating will remedy this condition.

### Thirty Types Of Truck Crops Produced In County

Thirty types of truck crops, including vegetables, melons and berries, were produced commercially in Tulare county during 1953 on 21,212 acres.

Value of these crops has been determined by the county agricultural commissioner as \$11,277,847.

Take the whole family with you and enjoy an afternoon and evening at the Porterville Junior Livestock Show and Fair, May 20, 21 and 22.

like **MONEY in your POCKET!**



### SPRINKLER IRRIGATION

**RAIN  
WHEN YOU NEED IT!**

A-M SPRINKLER IRRIGATION is "ready-rain" — always ready just like money in your pocket. No ditching! No leveling! You're ready to put water where you want it when you need it!



*Instant AUTO-LOK®*  
COUPLING AND UNCOUPLING

SLIP and it's coupled! TWIST and it's uncoupled! Fast as the wink of an eye . . . quick as the turn of the second hand . . . that's the miracle of A-M "Auto-Lok" coupling and uncoupling. It's fast — it's dependable.

**FAIRBANKS-MORSE and POMONA  
TURBINES, SUBMERSIBLES, DITCH PUMPS**

### PRESSURE SYSTEMS

Estimates Cheerfully Given

## Porterville Pump Shop

412 S. Main Street

Porterville

Phone 505

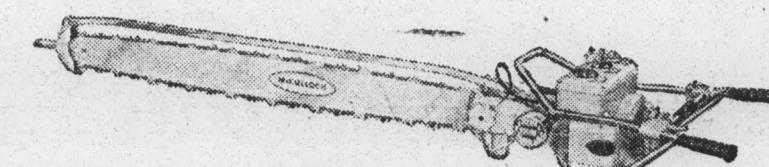
Ask For Free Ranch Demonstration

## HOWARD CHAIN SAW SALES

LOCATED 2 1/2 MILES NORTH OF PORTERVILLE ON HIGHWAY 65

Shop Phone 619-R

Residence Phone 368-J



AGENTS — McCOLLOUGH CHAIN SAWS

# Maintenance

OF MACHINERY



## ELECTRIC MOTORS

Lubricate bearings regularly in accordance with instructions supplied with motor. Avoid applying too much lubricant at any time — if there is too much oil it will lodge on the windings, catch dirt, and hasten the ultimate failure of the insulation.

Keep interior and exterior of motor free of moisture, oil, dirt, and grease at all times. If motor operates in excessive dust and dirt, it may be necessary to dismantle the motor at frequent intervals to keep it clean.

Keep commutator clean with very fine sandpaper, pressing lightly with a piece of wood while motor is running. Never use emery cloth because it may cause a short circuit. Keep brushes clean and free from dirt and grease, checking at regular intervals. Brushes should be of sufficient length to make a good contact with commutator.

Maintain proper belt tension. Tight belts put an excessive load on bearings, resulting in heat and wear. Belts that are too loose slip and cause driven machines to operate below normal speeds.

Check to see that your motors are equipped with devices for protection against overloading. Overloaded motors overheat easily and eventually burn out.

Be sure to comply with all state and local rules for electric wiring, as well as those of the National Board of Fire Underwriters. These rules were made to protect your property from fire, and your family and livestock from burns or accidental electrocution.

Insist that your wiring and conduit, together with the metal parts of the electric motor, be so thoroughly grounded that, even if the "hot" or live wire of the circuit makes accidental contact with the motor frame through failure of the insulation, no shock can be experienced. If a shock can be had from any exposed part of the wiring system at any time, it is dangerous. Have it repaired immediately.

Be sure that the type of electric motor as indicated on the name plate supplies corresponds to the current available, otherwise the electric motor will fail to work and will be injured.

For efficient operation and trouble-free service, bearings need to be regularly and thoroughly lubricated with the proper grade of grease or oil as recommended in the owner's manual or instruction book supplied with the implement. If allowed to "run dry" bearings soon develop wear from friction and have to be replaced at an early date.

When dirt enters a bearing it combines with the lubricant and becomes an abrasive grinding (Continued on Page 16)

See new farm implements on display at the Porterville Junior Livestock Show and Fair May 20, 21 and 22.

Come to the  
**FAIR**  
PORTERVILLE, MAY 20, 21, 22

## NELSON CONCRETE PIPE CO.

- PIPE — All Sizes
- SEPTIC TANKS
- DRAIN LINES
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### FOR BETTER SERVICE TO YOU

We Use  
Two-Way Radio Communication  
Through Porterville Radio Dispatch

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PORTEVILLE



## THE VALUE OF A QUALIFIED DEALER

### YOUR **BJ** DEALER

### BYRON JACKSON\*

\* DEALERS FOR BYRON-JACKSON PUMPS ARE CAREFULLY SELECTED TO MAINTAIN THE FINE REPUTATION THE COMPANY HAS ENJOYED OVER THE PAST FIFTY YEARS BY SERVICING FARMERS' NEEDS FAITHFULLY.

### Pearson Pump & Engineering Co.

has been selected as your Tulare county dealer. We feel that with their background and equipment they can give you the benefit of many years of research and experience. Pearson Pump and Engineering's many fine services will help make you fast friends of Byron-Jackson.

**PEARSON'S Offer You**  
Fine Repair and Maintenance Service . . .  
**INSTALLATIONS**  
**EXPERT MACHINE WORK**  
**PUMP REPAIRS**  
**A Complete Line of**  
**BJ Pumps**

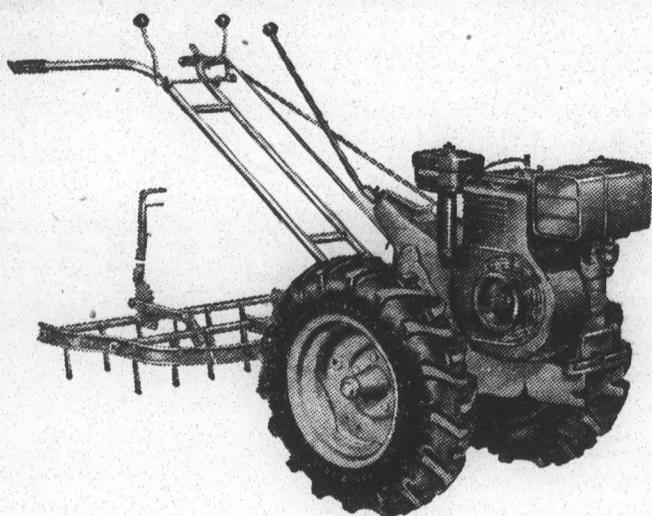
**PEARSON PUMP & ENGINEERING CO.**

202 W. Olive

PORTEVILLE

Phone 80

# GARDEN



There are still too many jobs around the farm that require hand labor. We can take care of the field work alright with our big tractors — but the little jobs around the house and outbuildings can wear a man out, jobs like hoeing, weeding, spraying, sawing firewood, grinding feed and cultivating the garden. Most of these chores are inaccessible for the big tractors, that's where the midgets come in handy.

Farmers all over the country are turning to garden tractors to do the odd jobs — and find them to their liking. Nearly 500,000 of these mighty mites are now in use and nearly half of that number are on farms. They're finding them a pretty useful tool to have around when the weeds are knee high to an elephant and the back is aching. Besides it's a lot easier to get junior to horsepower the lawn than to manpower it.

Of course, a garden tractor is

a natural in the farm garden. But let's look at some of the other jobs that are making these little fellows valuable.

Belt work abounds on almost every farm. You may need power to run a grinder or a cement mixer, to pump water to stock, or to run a milking machine when the power fails.

If you own a portable elevator for handling feed, you'll find it a lot easier to power it with a garden tractor and with less inconvenience than to tie up its big brother. You will find that belt-ing-up takes a lot less time and the results are equally as satisfactory.

It's a superior machine for spraying livestock and barns. Being portable and easy to maneuver, you can get into and up to the places that ordinarily present a problem. Spraying the orchard for pest control and getting in and around house shrubs and plants is duck soup for the ban-

## TRACTORS VERSATILE

tams. Because the task is easier — you will do it more often.

The ever present weeds that clutter up fence lines to detract from an otherwise tidy farm can readily be cut down with the power mower attachment, small earth fills can be accomplished by attaching a dozer blade as well as being used to scrape the floors of barns and other buildings. Spring painting jobs can be handled with ease if you use the tractors to power a spray machine. You can move the equipment right into the hen house for whitewashing or out into the fields to brighten up the fence posts and gates.

Although the machines are miniature in size they pack a lot of horsepower. In fact many farmers are now discovering the pony-size outfit can do a better job than old Dobbin who took over the chores when the big tractors moved him out of the fields. In addition, they're finding the little ones need a lot less "fuel" for a day's run.

## Total Orchard Crops 140,288 Acres

Orchard crops in Tulare county in 1953 totalled 140,288 acres, of which 34,797 represented bearing citrus and 94,813 was deciduous fruits and grapes.

The county has five types of citrus fruit on commercial production; 17 types of deciduous fruits, and table, raisin and wine grapes.

## DAIRY PRODUCTS

Milk and milk products were valued at \$16,687,567 in Tulare county during 1953.

## MAINTENANCE OF MACHINERY

(Continued from Page 15)

paste, more destructive, in many cases, than grit alone. Bearings that are not positively sealed against dirt and dust should be kept filled with new lubricant during operation so that grit cannot enter.

Freely lubricate pressure-type grease fittings and screw-type grease cups until new grease appears at the sides of the bearings unless they are of sealed type. On sealed-type bearings the grease should not be forced out of the sides — such pressure can unseat the seals, thereby allowing dirt to enter. Open-end bearings are kept clean most effectively when they are well filled with grease.

Bearings lubricated with an oil can should be lubricated frequently enough to keep steadily working outwards. In addition to lubricating the bearing surfaces the new oil tends to expel dirt and grit. Some bearings are provided with cups containing wick or filter-type fillers of wool waste. Fillers should be cleaned once a season with kerosene and replenished with fresh oil. Replace if necessary; do not use cotton waste because it mats down and is subject to chemical action.

## CONSULT YOUR SERVICING DEALER

The swing to tractor power and tractor-operated equipment has brought a new set of service requirements. Farmers have found it advisable to rely more and more on the farm equipment dealer for adjustments and overhaul jobs that at one time were considered to be jobs for the farm workshop. As a result, dealers have built service shops and have manned and equipped them adequately to meet the increasing need. These servicing dealers are ready to help you to

get the most out of your investment in farm power and equipment.

It is true that many farm machines can still be serviced in this way on thousands of farms. But it is also true that the increased speeds at which today's equipment operates and the heavier strains to which it is subjected make it more necessary than ever that every service job be done right and every adjustment be made according to the original specification. Factory-trained servicemen in dealers' shops are able to provide this kind of service.

Many farmers have adopted the annual overhaul plan for their more important machines — allowing the servicing dealer to check each machine each year, making necessary adjustments, replacing worn or broken parts, etc.

All well-equipped servicing dealers are rushed with work just ahead of and during the busy crop seasons. For this reason it pays to go over your equipment during the slack season and have needed service work done when your dealer is not too busy. This forehand procedure will guard against rush-season breakdowns and will enable you to put your machines in the hands of mechanics who have time to be painstaking and be sure your machines will be ready when needed. For your own protection order your service work early.

A real agricultural event for one of the world's greatest agricultural areas — the Porterville Junior Livestock Show and Fair, May 20, 21 and 22.



PORTERVILLE, MAY 20, 21, 22

# Montgomery Ward 130 N. MAIN PORTERVILLE FARM AND GARDEN SPECIALS



### Save on Truck Tires

Highway Hi-Tracks  $1\frac{1}{2}$  - 1 Ton Trucks 6:50x16, 6 Ply

**\$24.15**

Heavy Duty  $1\frac{1}{2}$  -  $3\frac{1}{4}$  - 1 Ton Trucks 6:50x16, 6 Ply

**\$14.75**

## FENCE POSTS

### Angle Steel Posts

	Reg.	Now
5 ft.—75 only	.75	.57
6 ft.—8 only	.85	.67
6 $\frac{1}{2}$ ft.—183 only	.92	.76
7 ft.—210 only	.96	.75

### T Steel Posts

	Reg.	Now
6 ft.—28 only	1.10	.76
6 $\frac{1}{2}$ ft.—185 only	1.18	.86
7 ft.—190 only	1.24	.90

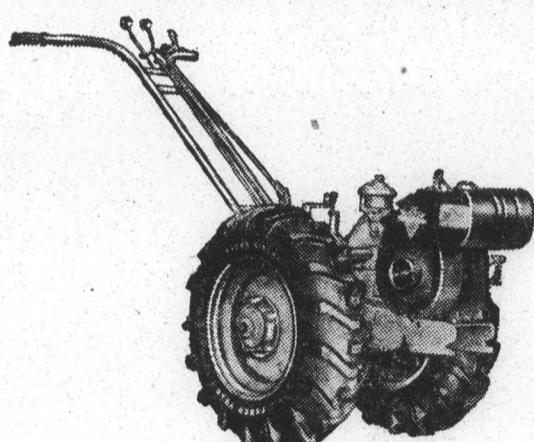
## DAIRYING SUPPLIES

	Reg.	Now
6 only—milk cans	2.05	.97
2 only—cream cans	2.05	.97
1 only—milk can	3.75	1.37
30 only—weaner buckets	2.39	1.37
1 only—milker	87.00	40.00

## CHICKEN SUPPLIES

	Reg.	Now
22 only—feeders	1.49	.67
4 only—feeders	3.15	1.37
5 only—feeders	3.95	1.47
1 only—feeder	10.95	4.97
23 only—feeders	.49	.27
2 only—fountain	3.19	1.37
2 only—fountain	1.98	.87
3 only—fountain	4.19	1.87
2 only—feeders	9.98	4.67
69 only—glass waterer	.15	.04
32 only—fountain	1.29	.59
14 only—feeder	.49	.17
4 only—feeder	2.49	.87
9 only—feeder	3.95	1.37
2 only—fountain	4.19	1.87
4 only—feeder	1.59	.67
12 only—egg baskets	1.09	.47
4 only—egg baskets	2.59	.97
3 only—egg scale	1.58	.67
1 only—light control	13.50	6.57
1 only—automatic switch	10.98	5.97

## GARDEN TRACTOR SPECIAL



### 3-HP CHOR-TRAC TRACTOR

**\$236.50** With Tires

Reverse drive, 5 speeds forward for easy operation. 4-cycle engine. Handles 33 labor-saving attachments.

## CHAIN SAWS

I ONLY — 2 MAN MALL POWER 48" BAR

Reg. \$390.00 Now \$280.00

I ONLY — 1 MAN 5 H.P. CHAIN SAW 24" BAR

Reg. \$259.00 Now \$189.00

## EXTRA SPECIAL

Celo-Glass — Reg. 14c ft. .... Now .04  
Brooder — I only — Reg. 60.95 .... Now 33.00

OPEN SATURDAY NIGHTS UNTIL 9:00

mission will meet in San Francisco April 30 and in Los Angeles, 1954 is being forecast at 67,193,000 bushels, the largest on record in the state. May 28.



**with NEW for '54—SIMPLICITY 2 1/2 H. P. MODEL F with Lever Gear Shift . . . 6 Forward Speeds and Reverse ONLY \$212.00**  
attachments extra

"We found Simplicity the biggest garden tractor value of them all! Our Model F, for example, provides gear transmission at a price you'd expect to pay for a machine *without* it. Its simple lever gear shift gives us 6 forward speeds and *reverse* at the flick of a finger. Simplicity's an investment in better living that pays us dividends all year long — the easiest-to-own, easiest-to-use garden tractor of them all!"



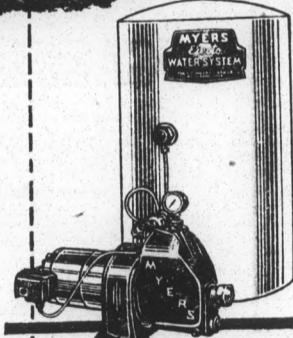
Phone 41

### Here's a bargain in Farm Help

**WANTED**—A permanent job on YOUR farm, pumping water to your livestock and into your home. Expert. Dependable. Member of world-famous water pumping family. Will work 24 hours every day. Have pumped 1,000 gallons of water for 2c.  
—Signed, MYERS Water System.  
Address—Your MYERS Dealer.

We highly recommend  
this applicant

There is a MYERS Water System waiting to go to work for you—the best investment you can make. Let us help you select the correct Myers Ejector or Reciprocating Type. See them here—see them now—and look at the many Myers improvements to save you time, work and money.



New! Myers  
"HN" Ejector

## Porterville Hardware Co.

"THE HARDWARE PEOPLE"

General Hardware — Mechanic's Tools — Paints  
Builders' Hardware — Oils and Glass  
Iron Pipe and Fittings — Cutlery  
Sporting Goods — Kitchen Household Goods  
Delta Tools and Myer's Pumps

**MYERS**

Water systems and pumps

### STORAGE FOR HOMELESS GRAIN

(Continued From Page 4)

storing grain.

"And if that doesn't do the trick," says one official facetiously, "the farmers will have to dump the stuff in their bathtubs or put it in the front parlor."

Actually, the Federal experts think the farmers may well be able to find extra storage space on their farms — without tying up the bathtub. For one thing, they figure, horses can be turned out to pasture, and wheat stored in the stalls. Or farm machinery can be put in temporary sheds, and wheat poured into the barn.

Also, the Government is pushing a plan to make it more appealing for farmers to build their own storage facilities. Under a law passed last year, farmers can write off for tax purposes the entire cost of a new storage bin in the first five years, instead of spreading the depreciation allowance over a term of 20 years, as in the past. Until 1953 tax receipts are in the Government will have no idea how this scheme is working, and even then it may not have an accurate count.

Under another program aimed at easing the storage shortage, the Government guarantees to use a certain proportion of a new storage bin for a given length of time. This plan, aimed at warehousemen, and other builders of storage facilities, has not, however, been a smashing success. Since it was first announced late last summer, the Agriculture Department received inquiries from enough builders to suggest a 530 million bushel increase in storage capacity — more than enough to solve this year's storage problem.

Since then, the volume of inquiries has swelled considerably, but builders have been dropping out of the plan at a fast clip. The department has actually made "use guarantee" agreements with builders accounting for 292 million bushels of storage capacity. But contractors already have cancelled out 78 million bushels of this, and further cancellations are expected, due to high building costs and other factors. Many of the original applicants were "just curious," department officials note.

Another reason for cancellation: Contractors presumably leery of that point that the scramble for an oversupply of storage supply a storage space will be on in earn-

est. few years hence, if Mr. Benson is in fact successful in chipping away at the Government's heavy stocks of farm products. The Government guarantees use of the new facilities under the program from three to six years, depending on how much of the facilities Uncle Sam promises to occupy.

Officials say the "use guarantee" scheme will add less than 200 million bushels of capacity to the more than seven billion bushels of storage space now supplied by private warehousemen, elevator operators, and grain terminals. The rest of the nation's grain storage space, totaling about 639 million bushels at capacity, is owned by the Government. This is more than three-quarters filled with corn right now, and will be jammed close to capacity next October when the Government has to take over ownership of corn under loan from last year's crop.

All told, the Government at last count had about 280 million bushels of corn under loans which expire next October. The chances are, slim that many farmers will find it profitable then to redeem their loans, and sell the corn on the open market. So most of the corn now held by Uncle Sam as "collateral" against the price support loans, will probably be taken over by the U. S.

This wouldn't constitute so much of a storage problem if Uncle Sam was not already the owner of a tremendous corn "carryover" — some 800 million bushels acquired in earlier price propping transactions.

The situation is the same with respect to that, only in this case the loans come due April 30, so the problem is more immediate. At last tally, the U. S. owned 438 million bushels of wheat. But at the end of April, department officials figure, loans will expire on another 460 million or more bushels of wheat and farmers will doubtless let the bulk of this become the property of the Government.

When that time comes, the Agriculture Department will be under heavy pressure to move its newly acquired wheat out of warehouses and other storage facilities where it's now stored, in order to make room for this year's crop. It's at

Despite the Agriculture Department's efforts to find more storage space, at least some of this year's wheat, corn and other grain crops eventually will wind up on the bare ground, the Federal man predict. Just how much, officials prefer not to guess. But, as one Benson aide puts it, "Only widespread crop failures, or a new war emergency that would eat up some of the present surpluses, can save us from real trouble."

### YOUR TRACTOR RESERVES CARE

Modern farm tractors represent substantial investments, and from that standpoint alone, they deserve better care than they often get.

Dirt, dust and careless operation are the worst enemies of the tractor — and all of these things should be watched by the farmers.

Every tractor, when purchased, has an instruction book with it, and that book is worth attention. Follow its printed rules — change air and oil cleaner as directed; use the grades of lubricants recommended; service your tractor like the book says, and see that the drivers take care of the necessary daily checks and you will get full value from your tractor investment.

### COMMITTEE HEARINGS

Hoover commission on organization of the executive branch of the national government, will hold the first of four hearings in San Francisco on May 3. Expected to testify are representatives of the Irrigation Districts association, the California Farm Bureau Federation, the state of California, and other agencies.

Implement dealers of southeastern Tulare county will have the newest in farm equipment on display at the Porterville Junior Livestock show and fair, May 20, 21 and 22.

**Come to the FAIR**

PORTERVILLE, MAY 20, 21, 22

"INSIST ON"

## Standard Products

THE FINEST  
EQUIPMENT  
DESERVES THE  
FINEST CARE

# "Andy Reynolds"

DISTRIBUTOR

STANDARD OIL COMPANY

GASOLINE — OIL — DIESEL FUELS

SPECIALISTS  
in MACHINERY WORK

# G & K MACHINE SHOP

West Olive Street

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Portable Welding Equipment

Open Sundays For Your Convenience

*Weymouth*  Company  
157 NO. MIRAGE  
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NEW  
LIGHT DUTY COMMERCIALS

With Automatic Transmission

HEAVY DUTY MODELS

Up to 135 Horsepower

"You Too Will Like Our Service"

## FARMING'S FAMOUS TWINS

Willy's  
JEEPS & TRUCKS

"FOR EVERY FARM TASK"

CEMO'S

KAISER - WILLYS MOTORS

Tom Cemo

PORTERVILLE, CALIFORNIA

Phone 1226-W

**BALING — A One-Man Operation**  
(Continued from Page 10)

can be operated as a power take-off baler with either a three or two plow tractor or will mount an auxiliary engine if desired. A feature of the Deere is the short distance the hay travels from the windrow to the bale, a distance of only 48 inches.

Oliver's contribution to the small class machines is the model 100. Fully automatic, it ties the wire at the corners and tucks the ends inward. The conveyor belt is of a continuous rubber type which the manufacturer claims lessens the shattering of leaves. An innovation is the automatic device that cuts the power when the machine runs out of wire.

The Freeman is a rugged and tough high capacity baler that twine ties the large bales with three wraps. It operates smoothly over rough ground as well as on even lands. Bale tension is controlled by hydraulic action compensating automatically for moisture content of hay. The baler has an extreme low center of gravity which permits the operator full visibility of the entire machine.

McCormick's new number 45 is PTO powered by any two plow tractor. It turns out a 60 pound, pre-sliced twine or wire tied bale at amounts of about six tons per hour. The larger companion model No. 55 is engine driven and turns out 125 pounders at the rate of 10 ton an hour.

In the heavy duty class, the Case semi-automatic makes extra heavy, extra large three wire tied bales. The baling operation is a two man job, one man on the baler, another on the tractor. It's a high capacity machine for large growers and commercial shippers, the bales are tightly packed, well shaped and store extremely well.

The Allis-Chalmers Roto-baler is the only machine of its type turning out round bales. PTO driven, it rolls a bale three feet in length at weights from 40 to 100 pounds wrapped in twine. To feed, you simply unroll onto the ground or into mangers. The bales are stacked like drums and according to the manufacturer will withstand inclement weather conditions when stacked outside.

The new Minneapolis-Moline one man wire tie baler features a knot tie that no livestock can possibly eat. The MM Bale-O-Matic is a speedy and compact auxiliary driven machine with a high capacity tonnage. The pickup attachment is raised and lowered by means of a hand lever or can be had with hydraulically operated controls. Dual wheel equipment can be installed as special equipment for unusually soft ground.



PORTEVILLE, MAY 20, 21, 22

# TEXACO



• GASOLINE

• OIL

• DIESEL FUEL

AGENTS

B. F. Goodrich Tires  
and Batteries

**MAX CRUMAL**

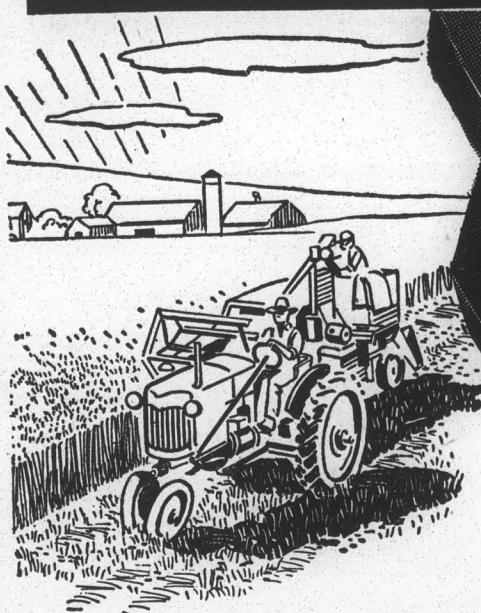
Highway 65 (North)

Phone 96

1021 W. Olive Street

UP TO 18%  
GREATER TREAD DEPTH  
AT SHOULDER

UP TO 15%  
EXTRA TREAD DEPTH  
AT THE CENTER LINE



NOW  
AT NO  
INCREASE  
IN PRICE

# Goodyear's Improved LOW COST TRACTOR TIRE!

You save 3 ways — 1. On initial cost  
2. On extra traction 3. On longer wear

Here's good news for every farmer! Goodyear adds extra tread depth at the shoulder AND center line of its already famous low cost Sure-Grip tractor tire. NOW you get MORE traction and MORE wear — at no increase in price! Trade now — don't fail to get the tractor tire that means greater savings for you — the new D-15 Sure-Grip by Goodyear.

Look at these low prices!		
SIZE	PLY RATING	PRICE
10-24	4	\$51.85*
10-28	4	59.35*
10-38	4	76.05*
11-38	4	86.35*
12-38	6	106.30*

\* Plus tax and your old tire

...The D-15  
**SURE-GRIP**

Only \$43.35

SIZE 9-24  
4-ply rating  
plus tax and  
your old tire

TAKE A FULL YEAR TO PAY!  
after small down payment

1. Pay as you produce. We'll arrange small weekly payments to fit your needs.
2. Pay when you harvest. If you wish, we can arrange for you to pay your balance at harvest time when your farm income is at its peak.



# GOOD YEAR

The Greatest Name In Rubber

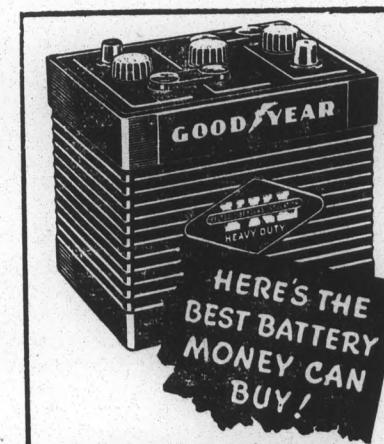


## Commercial Tire Service Co.

401 S. Main

PORTERVILLE

Phone 1370



**GOOD YEAR**  
YKL DRY-PROOF  
**BATTERY**  
• HOLDS POWER LONGER!  
• LASTS LONGER!  
• NEEDS LESS SERVICE!

BIG TRADE-IN ALLOWANCE  
FOR YOUR OLD BATTERY

**POWER at the Fair**

(Continued from Page 2)

Dairymen in particular will want to see the latest models at the fair for which are claimed many advantages in lowering feed costs and improving production.

Of interest, will be the corn harvesting equipment for the many farmers who are growing the crop for the first time. Both the pull

type and mounted machines will be on hand so that farmers of this area can observe them first hand. Self propelled combines for small grains will also be represented by the latest models.

New models of cotton pickers will be shown including the latest in one row mounted equipment for small producers. The new pickers are of the stripper type and employ a new principle of gathering

the cotton, using brushes to brush it from the stalks.

Another area that demands your attention this year will be that of chore time equipment. High farm wages have resulted in renewed efforts to mechanize chore operations. You will find a number of exhibitors showing equipment designed to save you many steps and dollars. It has been estimated for example, that 75 per cent of the

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FARM TRIBUNE — 522 N. MAIN ST.

SEC. 3-F-66 F. L. & R.

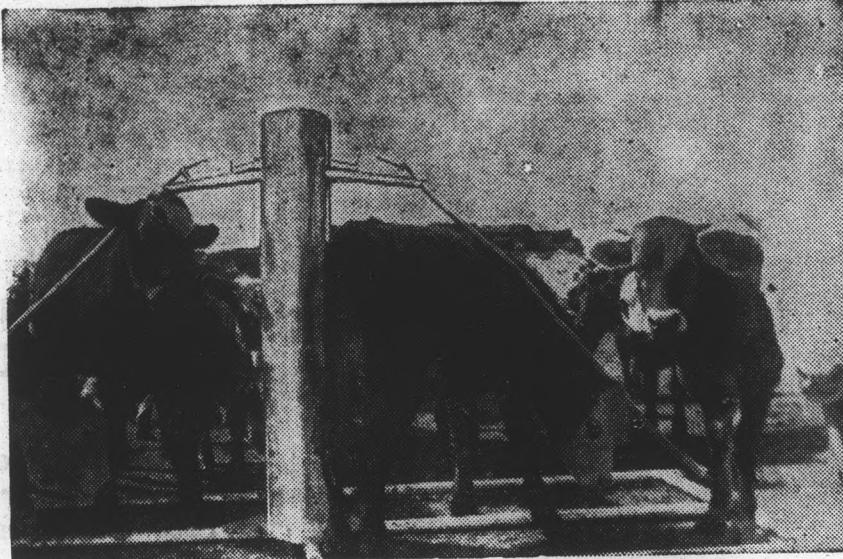
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LOCAL**



### **"OLD SCRATCH"**

**"Oils Them Where They Itch"**

**WE CARRY A COMPLETE LINE  
OF MECHANICAL EQUIPMENT  
TO AID IN LIVESTOCK HANDLING**

### **Wall's Livestock Supply**

Visalia  
North Ben Maddox Way

Porterville  
145 N. Main

work in connection with livestock care is still done by hand.

In connection with chores, the wide extension of electric power service and the universal use of tractors has provided power for the many devices. They include such machines as feed grinders and mixers, milkers, grain elevators, silage unloaders, manure handling equipment and power scoops. Feed handling has rapidly mechanized in recent years with develop-

ment of many new types of handling devices.

Dozens of handy devices that require no power, but which are capable of reducing time spent on chores will be shown in numerous exhibits. They include such equipment as feeders, waterers, feed and litter carriers, automatic feed hoppers and many others. Their advantage is that they permit a boy to do a man's work.

**1954**

### **CHEVROLET PICKUP**

**with**

**AUTOMATIC TRANSMISSION**

**"Drive All Day Without Shifting"**

### **TIGHE CHEVROLET**

(Across from the City Hall)

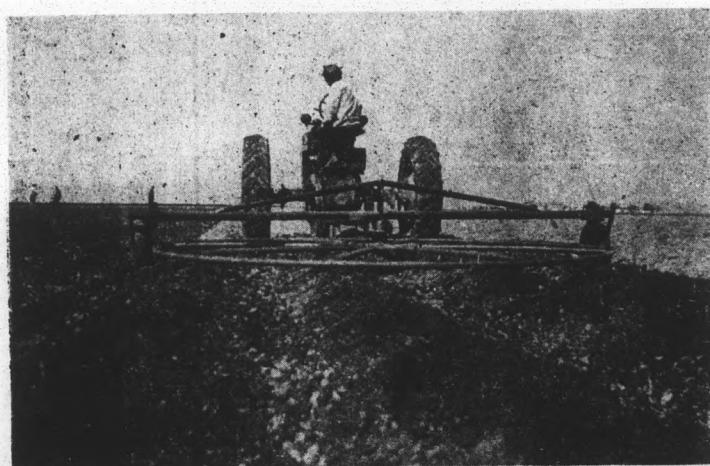
PORTEVILLE

# **Strathmore Machine Works**

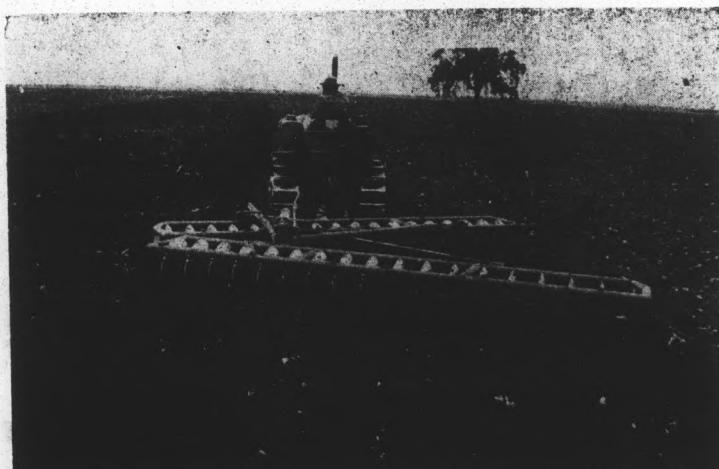
### **Manufacturers - FARM IMPLEMENTS**

Strathmore, California

Phone: Lindsay 8-8584



Strathmore — Rotary Harrow



Strathmore Offset Disc — 36' Squadron

**ROTARY HARROWS FOR COTTON BEDS — KARY LIFT TRAILERS, STRAW CHOPPERS,  
ROADSIDE DISCS, SCARIFIER DISCS, SPRINGTOOTHS, FORD SPRINGTOOTHS, UNI-BLADE**

**AGENTS THROUGHOUT THE WEST**